

CD07



AVENTICS™

AVENTICS Series CD07
Directional valves


EMERSON™

Series CD07

The AVENTICS Series CD consists of various spool valves with an extremely durable die-cast zinc housing. Its electrical, pneumatic, or mechanical actuating controls (roller, lever, pedal, or plunger) make the Series CD ideal for applications in harsh environments.

- Durable design
- Assembly on base plate
- Suitable for extreme ambient temperatures
- Resistant to voltage fluctuations
- ATEX version available



Product overview

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Pneumatically operated, imperial

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3/2-directional valve, Series CD07, single solenoid, -25 °C cold-resistant, Basic valve without coil

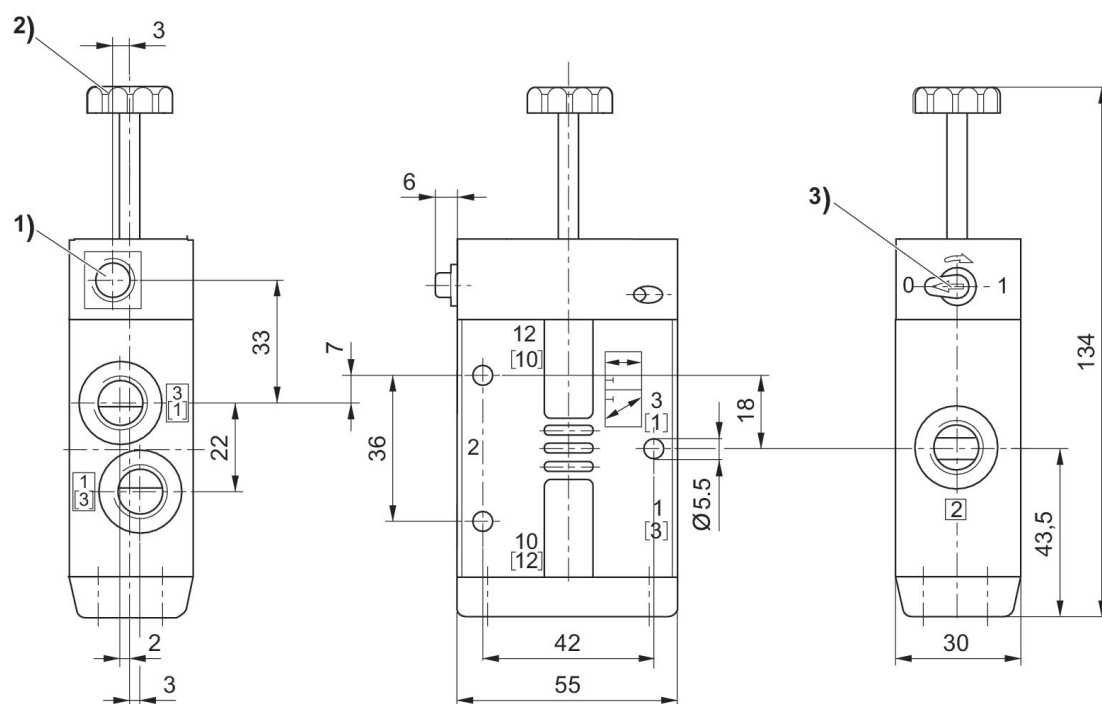
Flow: 1400 l/min
Activation: Electrically operated
Qn 1 > 2: 1400 l/min
Compressed air connection type: Internal thread
Basic valve equipment: Basic valve without coil
Temperature resistance: -25 °C cold-resistant
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 50 °C
Max. working pressure: 10 bar



	Compressed air connection	Function	Pilot	Manual override	ATEX	Compatibility index	Min. ambient temperature [°C]	Part No.
	M14x1,5	NC/NO	Internal	with detent	ATEX optional	13, 14	-25	5772025302
	M14x1,5	NC/NO	External	with detent	ATEX optional	13, 14	-25	5772035302
	G 1/4	NC/NO	Internal	with detent	ATEX optional	13, 14	-25	5772075302
	G 1/4	NC/NO	External	with detent	ATEX optional	13, 14	-25	5772085302
	G 1/4	NC/NO	Internal	without	ATEX optional	13, 14	-25	5772965302

Max. ambient temperature [°C]	Basic valve equipment	Part No.
50	Basic valve without coil	5772025302
50	Basic valve without coil	5772035302
50	Basic valve without coil	5772075302
50	Basic valve without coil	5772085302
50	Basic valve without coil	5772965302

Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Manual override

3/2-directional valve, Series CD07, single solenoid, -25 °C cold-resistant

Flow: 1400 l/min

Activation: Electrically operated

Electrical connection 2, thread size: EN 175301-803, form A

Qn 1 > 2: 1400 l/min

Compressed air connection type: Internal thread

Temperature resistance: -25 °C cold-resistant

Min. control pressure: 3 bar

Max. control pressure: 10 bar

Pilot valve width: 30 mm

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Max. working pressure: 10 bar

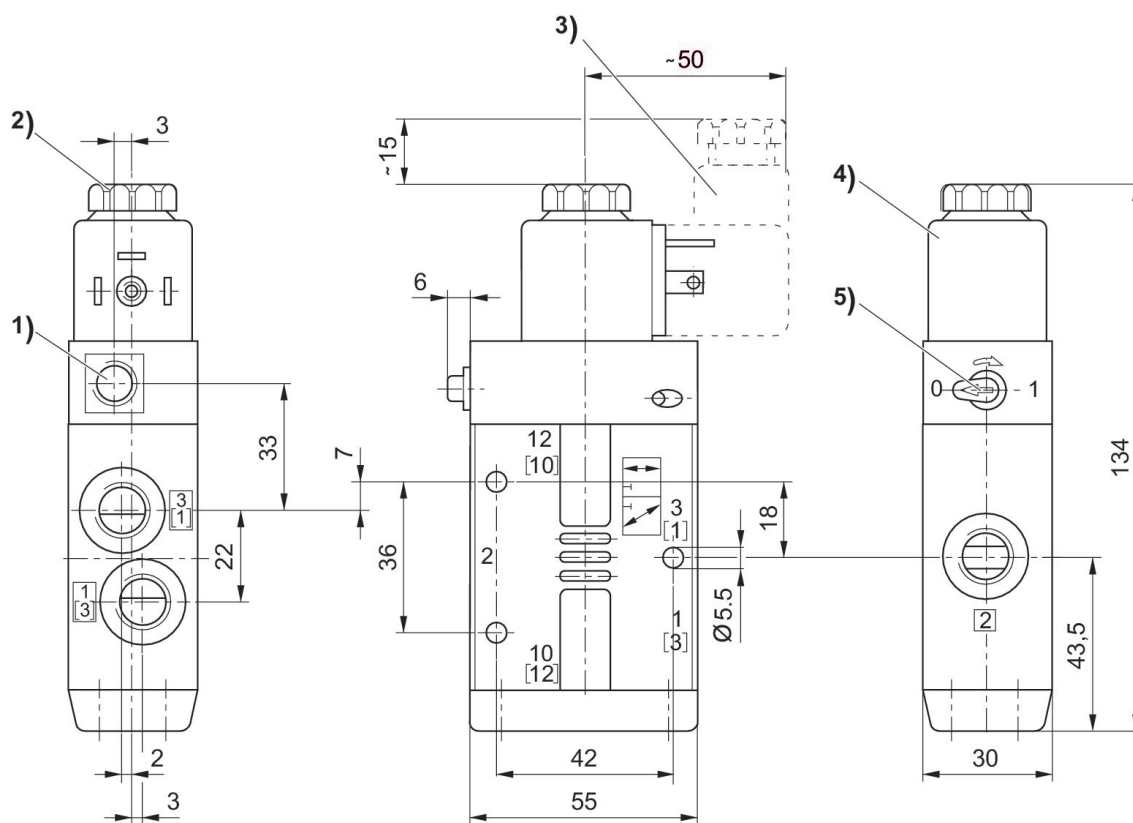


	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Function	Pilot	Manual override	Part No.
	24 V DC			M14x1,5	NC/NO	Internal	with detent	5772020220
	110 V AC	110 V	110 V	M14x1,5	NC/NO	Internal	with detent	5772025270
	230 V AC	230 V	230 V	M14x1,5	NC/NO	Internal	with detent	5772025280
	110 V DC			M14x1,5	NC/NO	Internal	with detent	5772020770
	24 V DC			M14x1,5	NC/NO	External	with detent	5772030220
	230 V AC	230 V	230 V	M14x1,5	NC/NO	External	with detent	5772035280
	24 V DC			G 1/4	NC/NO	Internal	with detent	5772070220
	110 V AC	110 V	110 V	G 1/4	NC/NO	Internal	with detent	5772075270
	230 V AC	230 V	230 V	G 1/4	NC/NO	Internal	with detent	5772075280
	24 V DC			G 1/4	NC/NO	Internal	with detent	5772072220
	24 V AC	24 V	24 V	G 1/4	NC/NO	Internal	with detent	5772075220
	24 V DC			G 1/4	NC/NO	External	with detent	5772080220
	110 V AC	110 V	110 V	G 1/4	NC/NO	External	with detent	5772085270

	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Function	Pilot	Manual override	Part No.
	230 V AC	230 V	230 V	G 1/4	NC/NO	External	with detent	5772085280
	24 V AC	24 V	24 V	G 1/4	NC/NO	External	with detent	5772085220
	24 V DC			G 1/4	NC/NO	Internal	with detent	R412004091
	24 V DC			G 1/4	NC/NO	External	with detent	R412004092
	24 V DC			G 1/4	NC/NO	Internal	without	5772960220

ATEX	Compatibil- ity index	Min. ambient temperature [°C]	Part No.
	13, 14		5772020220
	13, 14		5772025270
	13, 14		5772025280
	13, 14		5772020770
	13, 14		5772030220
	13, 14		5772035280
	13, 14		5772070220
	13, 14		5772075270
	13, 14		5772075280
	13, 14		5772072220
	13, 14		5772075220
	13, 14		5772080220
	13, 14		5772085270
	13, 14		5772085280
	13, 14		5772085220
ATEX	13, 14	-10	R412004091
ATEX	13, 14	-10	R412004092
	13, 14		5772960220

Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

5/2-directional valve, Series CD07, single solenoid, M14x1,5, -25 °C cold-resistant

Flow: 1200 l/min

Activation: Electrically operated

Coil width: 30 mm

Electrical connection 2, thread size: EN 175301-803, form A

Qn 1 > 2: 1200 l/min

Compressed air connection type: Internal thread

Temperature resistance: -25 °C cold-resistant

Electrical connection 2, number of poles: 3-pin

Compressed air connection input: M14x1,5

Compressed air connection output: M14x1,5

Compressed air connection, exhaust: M14x1,5

Min. control pressure: 3 bar

Max. control pressure: 10 bar

Pilot valve width: 30 mm

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Min. ambient temperature: -25 °C

Max. ambient temperature: 50 °C

Min. working pressure: 3.5 bar

Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	ATEX	Part No.
	24 V DC			M14x1,5	Internal	with detent		5776020220
		110 V	110 V	M14x1,5	Internal	with detent		5776025270
		230 V	230 V	M14x1,5	Internal	with detent		5776025280
				M14x1,5	Internal	with detent	ATEX optional	5776025302
	24 V DC			M14x1,5	External	with detent		5776030220
		230 V	230 V	M14x1,5	External	with detent		5776035280
				M14x1,5	External	with detent	ATEX optional	5776035302

Compati- lity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Basic valve equipment	Part No.
13, 14	-25	50		5776020220
13, 14	-25	50		5776025270
13, 14	-25	50		5776025280
13, 14	-25	50	Basic valve without coil	5776025302
13, 14	-25	50		5776030220
13, 14	-25	50		5776035280
13, 14	-25	50	Basic valve without coil	5776035302

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- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

5/2-directional valve, Series CD07, double solenoid, M14x1,5, -25 °C cold-resistant

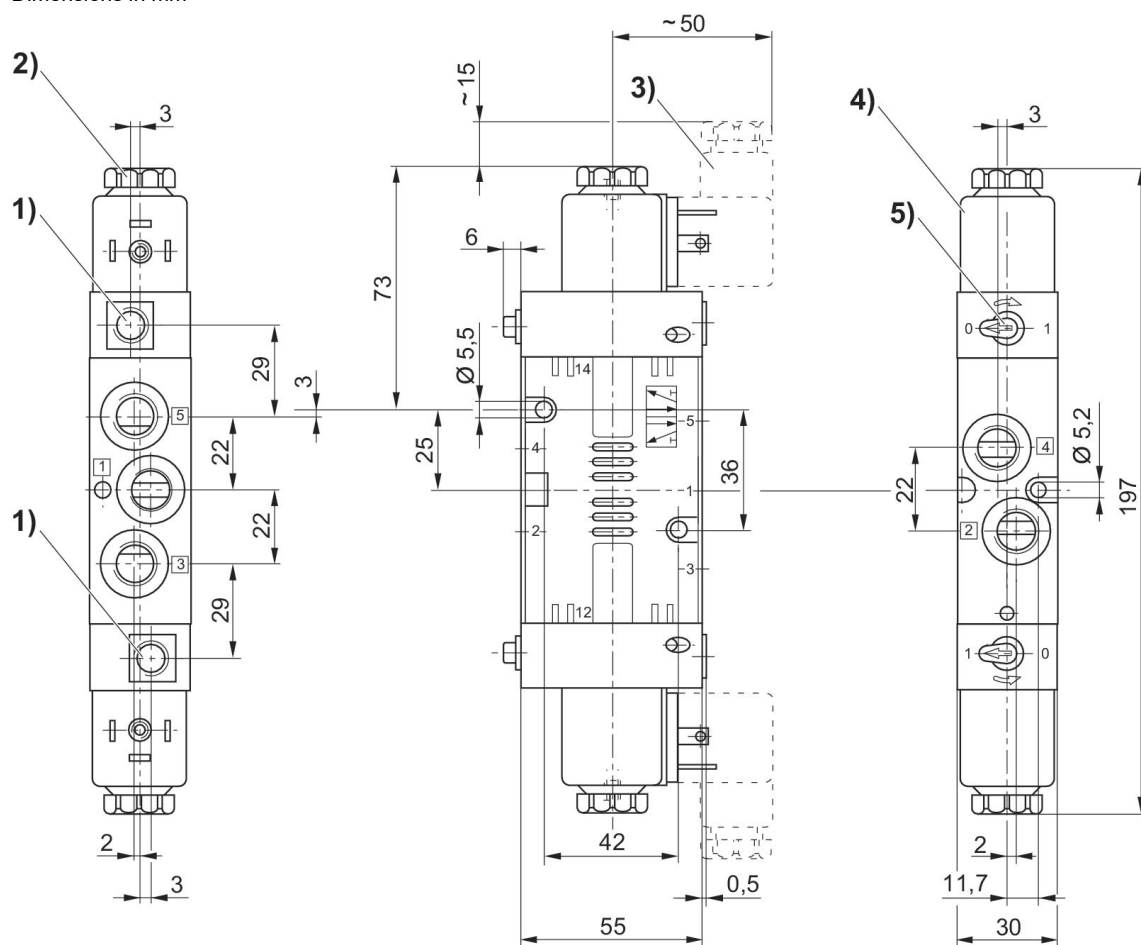
Flow: 1200 l/min
Activation: Electrically operated
Coil width: 30 mm
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -25 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: M14x1,5
Compressed air connection output: M14x1,5
Compressed air connection, exhaust: M14x1,5
Min. control pressure: 2 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 50 °C
Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	ATEX	Part No.
	24 V DC			M14x1,5	Internal	with detent		5776220220
		230 V	230 V	M14x1,5	Internal	with detent		5776225280
				M14x1,5	Internal	with detent	ATEX optional	5776225302
	24 V DC			M14x1,5	External	with detent		5776230220
		230 V	230 V	M14x1,5	External	with detent		5776235280
				M14x1,5	External	with detent	ATEX optional	5776235302

Compatibil-ity index	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Basic valve equipment	Part No.
13, 14	-25	50		5776220220
13, 14	-25	50		5776225280
13, 14	-25	50	Basic valve without coil	5776225302
13, 14	-25	50		5776230220
13, 14	-25	50		5776235280
13, 14	-25	50	Basic valve without coil	5776235302

Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

5/2-directional valve, Series CD07, single solenoid, G1/4, -25 °C cold-resistant

Flow: 1200 l/min

Activation: Electrically operated

Electrical connection 2, thread size: EN 175301-803, form A

Qn 1 > 2: 1200 l/min

Compressed air connection type: Internal thread

Temperature resistance: -25 °C cold-resistant

Electrical connection 2, number of poles: 3-pin

Compressed air connection input: G 1/4

Compressed air connection output: G 1/4

Compressed air connection, exhaust: G 1/4

Min. control pressure: 3 bar

Max. control pressure: 10 bar

Pilot valve width: 30 mm

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Min. ambient temperature: -25 °C

Max. ambient temperature: 50 °C

Max. working pressure: 10 bar

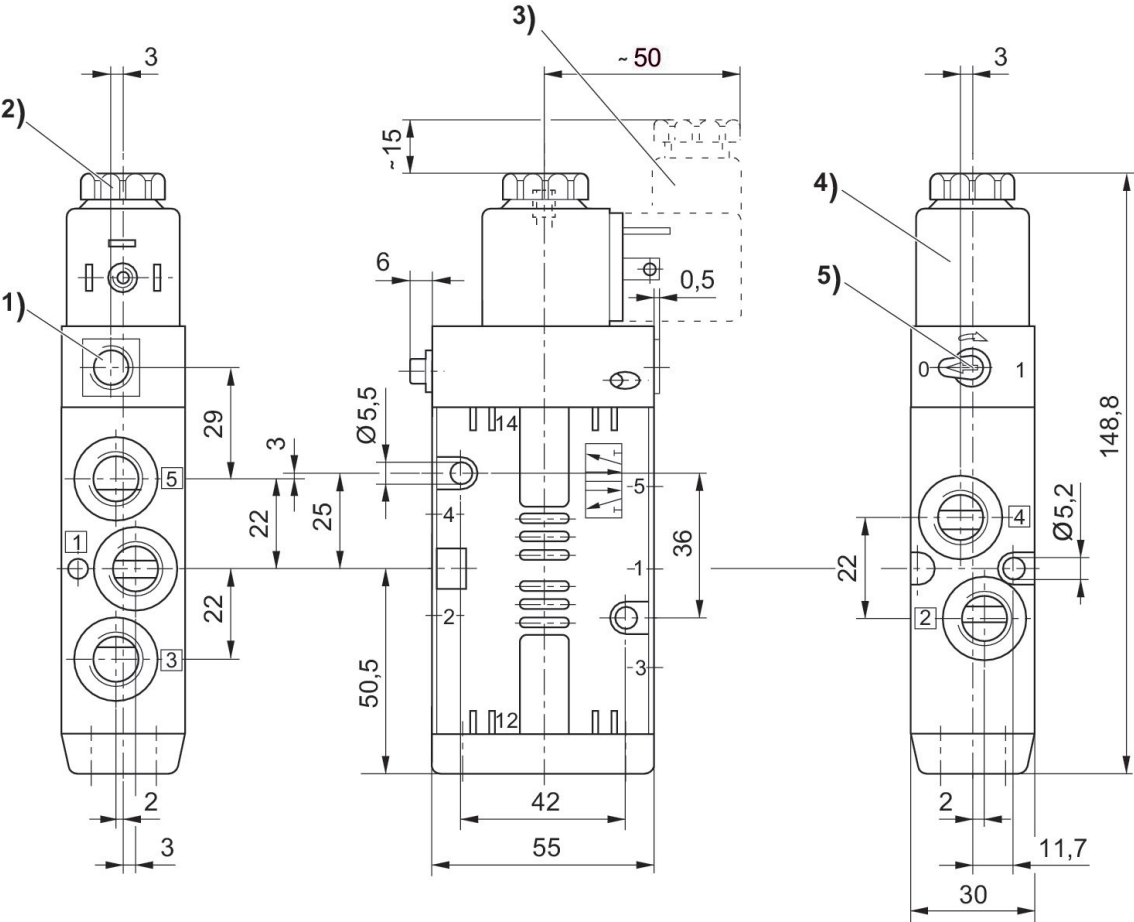


	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	ATEX	Part No.
	24 V DC			G 1/4	Internal	with detent		5776070220
	230 V AC	230 V	230 V	G 1/4	Internal	with detent		5776075280
	24 V DC			G 1/4	External	with detent		5776080220
	230 V AC	230 V	230 V	G 1/4	External	with detent		5776085280
				G 1/4	Internal	with detent	ATEX optional	5776075302
				G 1/4	External	with detent	ATEX optional	5776085302
	24 V DC			G 1/4	Internal	with detent	ATEX	R412004093
	96 V DC			G 1/4	Internal	with detent		5776070360
	110 V AC	110 V	110 V	G 1/4	External	with detent		5776085270
	24 V DC			G 1/4	Internal	without		5776980220

Compatibil- ity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Basic valve equipment	Part No.
13, 14	-25	50		5776070220
13, 14	-25	50		5776075280
13, 14	-25	50		5776080220
13, 14	-25	50		5776085280

Compatibil- ity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Basic valve equipment	Part No.
13, 14	-25	50	Basic valve without coil	5776075302
13, 14	-25	50	Basic valve without coil	5776085302
13, 14	-10	50		R412004093
13, 14	-25	50		5776070360
13, 14	-25	50		5776085270
13, 14	-25	50		5776980220

Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

5/2-directional valve, Series CD07, single solenoid, G1/4, -40 °C cold-resistant

Flow: 1200 l/min
Activation: Electrically operated
Coil width: 30 mm
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3.5 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 50 °C
Min. working pressure: 3.5 bar
Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	ATEX	Part No.
	24 V DC			G 1/4	Internal	with detent		5776960220
		230 V	230 V	G 1/4	Internal	with detent		5776965280
				G 1/4	Internal	with detent	ATEX optional	5776965302

Compatibil-ity index	Min. ambient temperature [°C]	Max. am-bient tem-perature [°C]	Basic valve equipment	Part No.
13, 14	-40	50		5776960220
13, 14	-40	50		5776965280
13, 14	-40	50	Basic valve without coil	5776965302

Technical drawing of a three-phase asynchronous motor, showing three views: front, side, and top. The drawing includes the following dimensions and callouts:

- Front View (Left):**
 - Callout 1: Points to the top terminal box.
 - Callout 2: Points to the top terminal box.
 - Callout 3: Points to the top terminal box.
 - Dimensions: 2, 3, 22, 29, 22, 50,5, 42, 55.
- Side View (Middle):**
 - Callout 3: Points to the top terminal box.
 - Dimensions: 15, 6, 0,5, 14, 5, 36, 12, 42, 55.
- Top View (Right):**
 - Callout 4: Points to the top terminal box.
 - Callout 5: Points to the top terminal box.
 - Dimensions: 2, 3, 22, 148,8, 11,7, 30, 5,2, 5,5.

- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

5/2-directional valve, Series CD07, single solenoid, G1/4, -25 °C cold-resistant, Namur

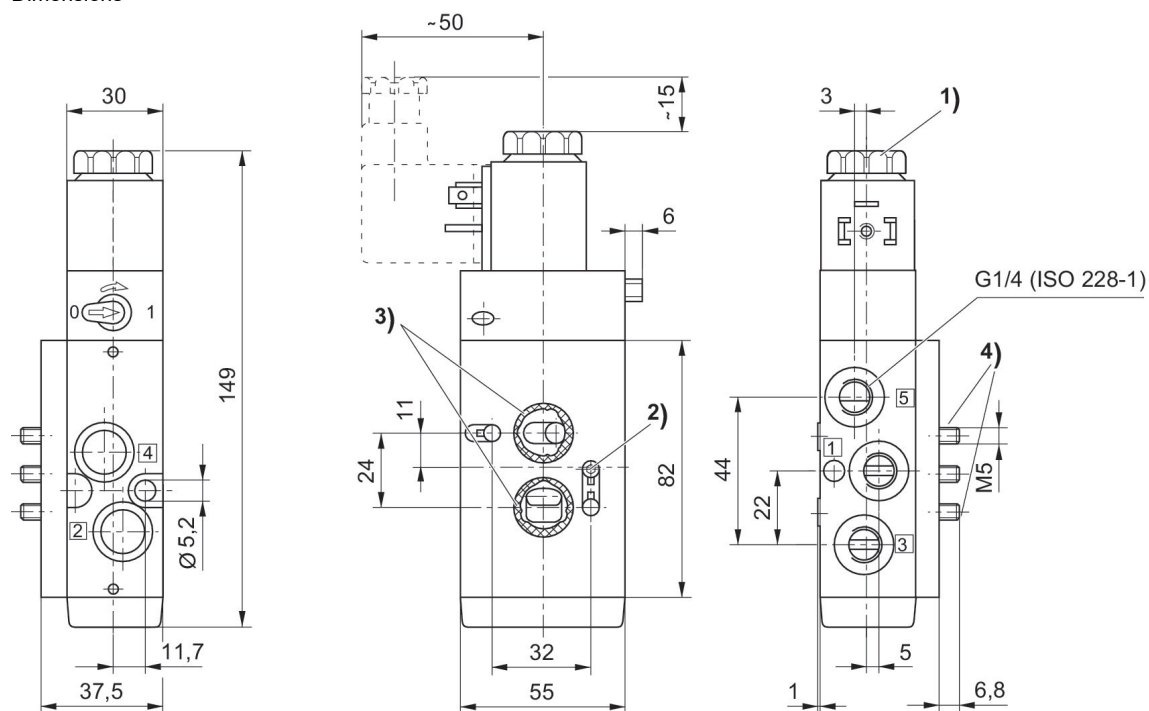
Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Base plate connection Internal thread
Temperature resistance: -25 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: Namur base plate
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 50 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air con- nection	Pilot	Manual override	ATEX	Part No.
	24 V DC			G 1/4	Internal	with detent		5776600220
		230 V	230 V	G 1/4	Internal	with detent		5776605280
				G 1/4	Internal	with detent	ATEX option- al	5776605302

Compatibil- ity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Basic valve equipment	Part No.
13, 14	-25	50		5776600220
13, 14	-25	50		5776605280
13, 14	-25	50	Basic valve without coil	5776605302

Dimensions



1) after removal of cap M 5 internal thread 2) threaded pin DIN 914 M5 x 20 3) O-ring 16 x 2 (included) 4) cylinder screw M5x40 (included in scope of delivery)

5/2-directional valve, Series CD07, double solenoid, G1/4, -25 °C cold-resistant

Flow: 1200 l/min

Activation: Electrically operated

Electrical connection 2, thread size: EN 175301-803, form A

Qn 1 > 2: 1200 l/min

Compressed air connection type: Internal thread

Temperature resistance: -25 °C cold-resistant

Electrical connection 2, number of poles: 3-pin

Compressed air connection input: G 1/4

Compressed air connection output: G 1/4

Compressed air connection, exhaust: G 1/4

Min. control pressure: 2 bar

Max. control pressure: 10 bar

Pilot valve width: 30 mm

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Min. ambient temperature: -25 °C

Max. ambient temperature: 50 °C

Max. working pressure: 10 bar

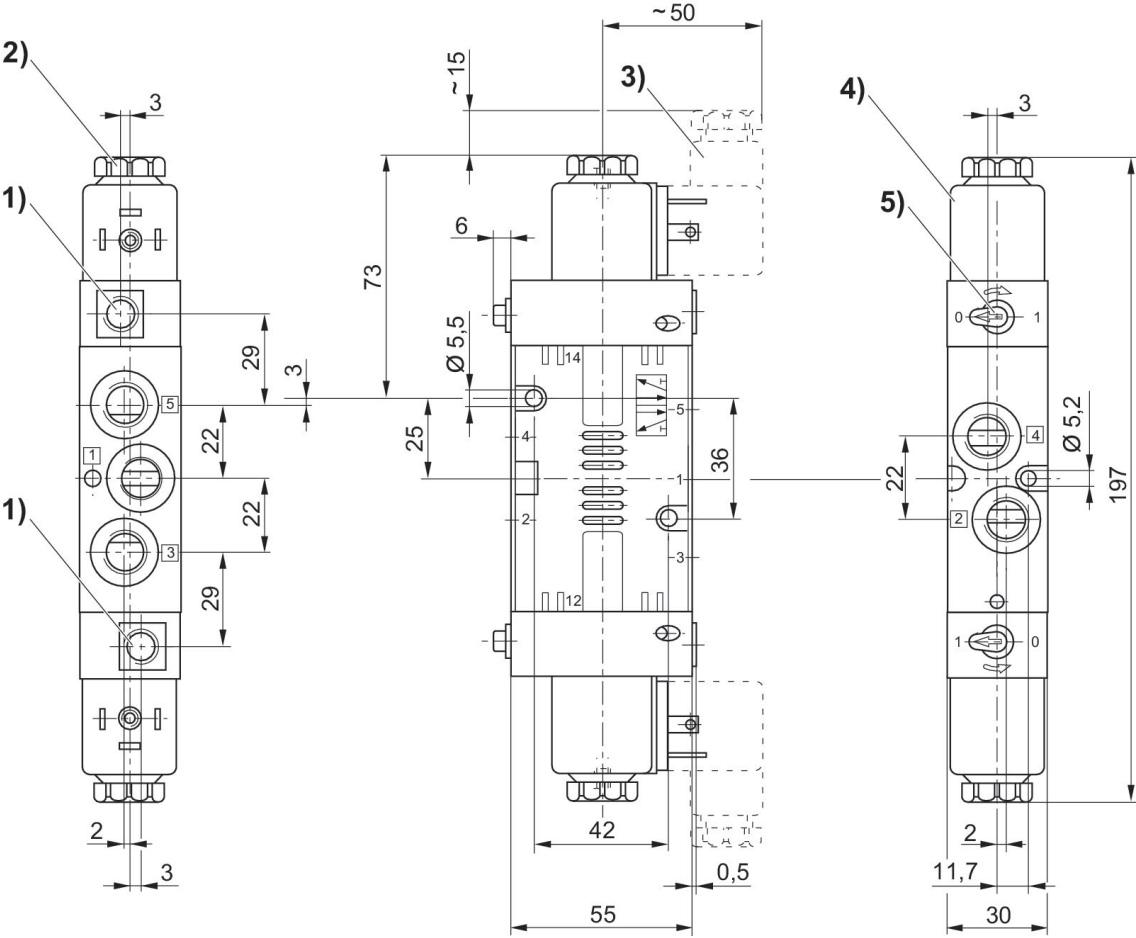


	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	ATEX	Part No.
	24 V DC			G 1/4	Internal	with detent		5776270220
	24 V DC			G 1/4	Internal	with detent		5776272220
	110 V AC	110 V	110 V	G 1/4	Internal	with detent		5776275270
	230 V AC	230 V	230 V	G 1/4	Internal	with detent		5776275280
	24 V AC	24 V	24 V	G 1/4	Internal	with detent		5776275220
				G 1/4	Internal	with detent	ATEX optional	5776275302
	24 V DC			G 1/4	External	with detent		5776280220
	110 V AC	110 V	110 V	G 1/4	External	with detent		5776285270
	230 V AC	230 V	230 V	G 1/4	External	with detent		5776285280
				G 1/4	External	with detent	ATEX optional	5776285302

Compatibil- ity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Basic valve equipment	Part No.
13, 14	-25	50		5776270220
13, 14	-25	50		5776272220
13, 14	-25	50		5776275270
13, 14	-25	50		5776275280
13, 14	-25	50		5776275220
13, 14	-25	50	Basic valve without coil	5776275302

Compatibil- ity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Basic valve equipment	Part No.
13, 14	-25	50		5776280220
13, 14	-25	50		5776285270
13, 14	-25	50		5776285280
13, 14	-25	50	Basic valve without coil	5776285302

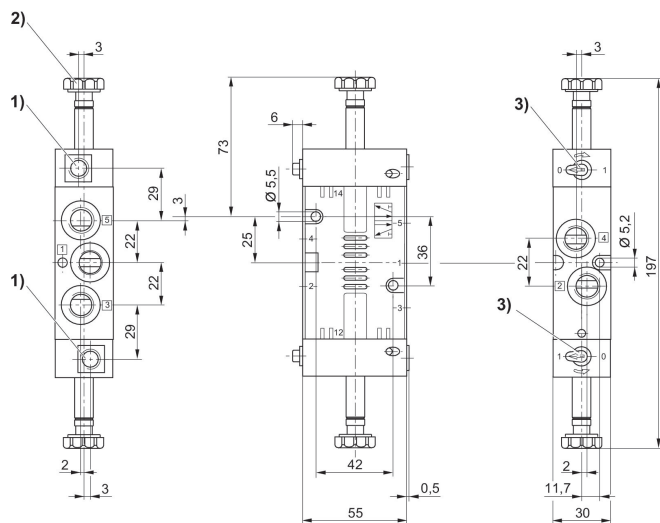
Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

5776275302, 5776285302

Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Manual override

5/2-directional valve, Series CD07, double solenoid, G1/4, -40 °C cold-resistant

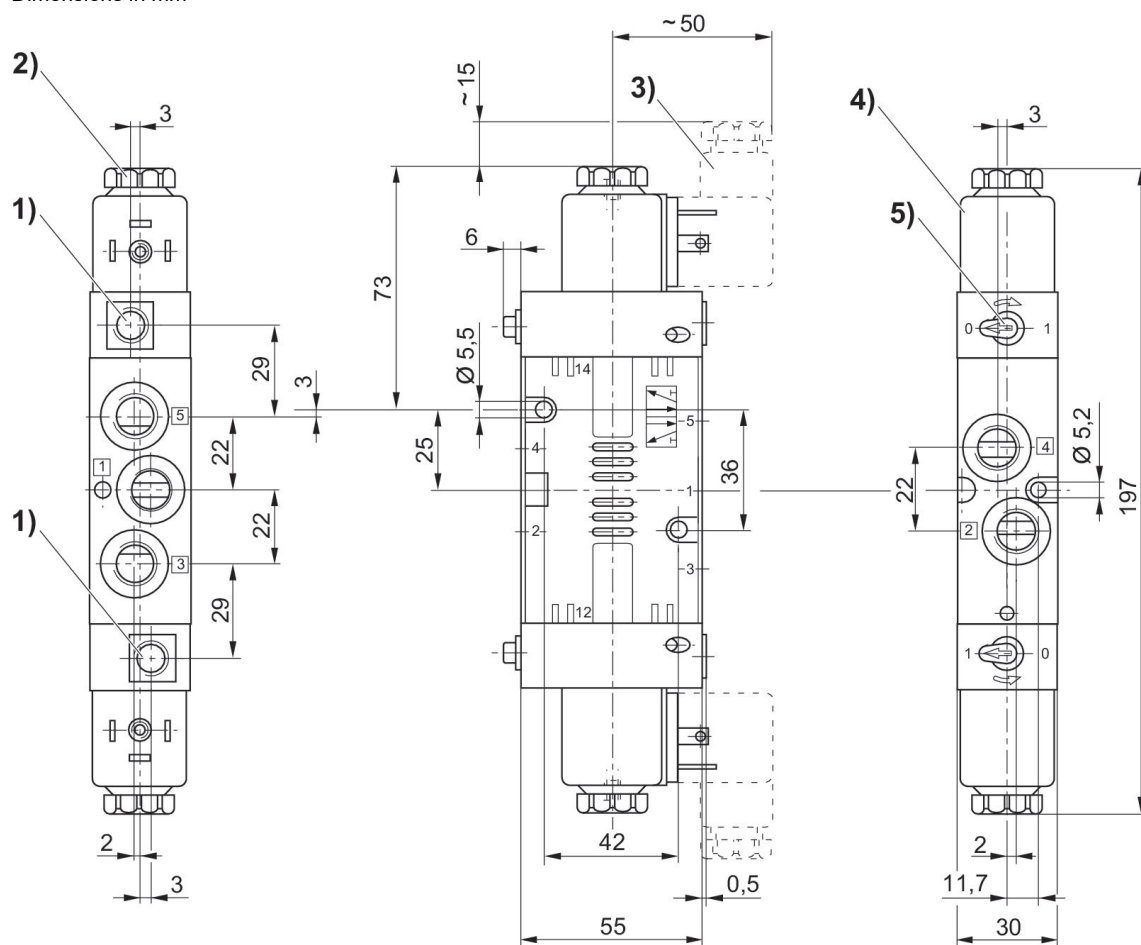
Flow: 1200 l/min
Activation: Electrically operated
Coil width: 30 mm
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 50 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	ATEX	Part No.
	24 V DC			G 1/4	Internal	with detent		5776840220
		230 V	230 V	G 1/4	Internal	with detent		5776845280
				G 1/4	Internal	with detent	ATEX optional	5776845302

Compatibil-ity index	Min. ambient temperature [°C]	Max. am-bient tem-perature [°C]	Basic valve equipment	Part No.
13, 14	-40	50		5776840220
13, 14	-40	50		5776845280
13, 14	-40	50	Basic valve without coil	5776845302

Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

5/2-directional valve, Series CD07, double solenoid, G1/4, -25 °C cold-resistant, Namur

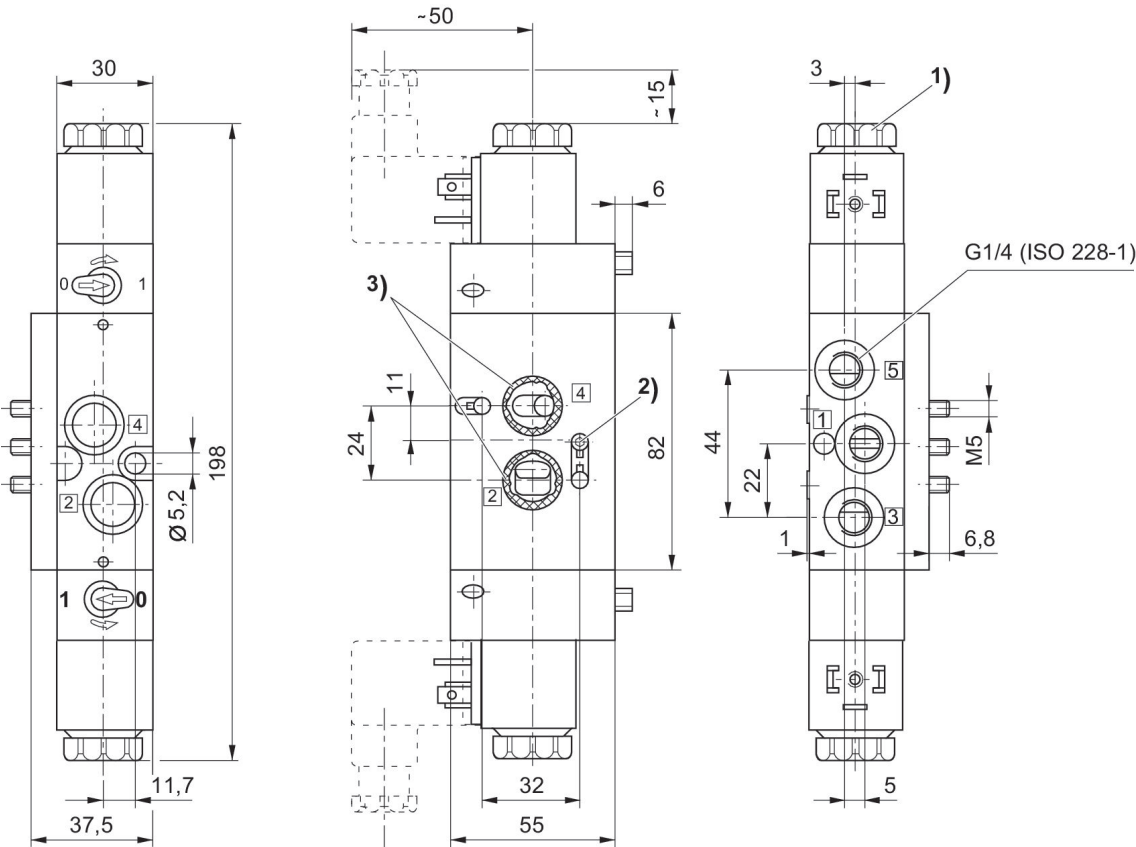
Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Base plate connection Internal thread
Temperature resistance: -25 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: Namur base plate
Compressed air connection, exhaust: G 1/4
Min. control pressure: 2 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 50 °C
Min. working pressure: 2 bar
Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	ATEX	Part No.
	24 V DC			G 1/4	Internal	with detent		5776620220
		230 V	230 V	G 1/4	Internal	with detent		5776625280
				G 1/4	Internal	with detent	ATEX optional	5776625302

Compatibil-ity index	Min. ambient temperature [°C]	Max. am-bient tem-perature [°C]	Basic valve equipment	Part No.
13, 14	-25	50		5776620220
13, 14	-25	50		5776625280
13, 14	-25	50	Basic valve without coil	5776625302

Dimensions



1) after removal of cap M 5 internal thread 2) threaded pin DIN 914 M5 x 20 3) O-ring 16 x 2 (included) 4) cylinder screw M5x40 (included in scope of delivery)

5/3-directional valve, Series CD07, double solenoid, G1/4, basic valve with base plate

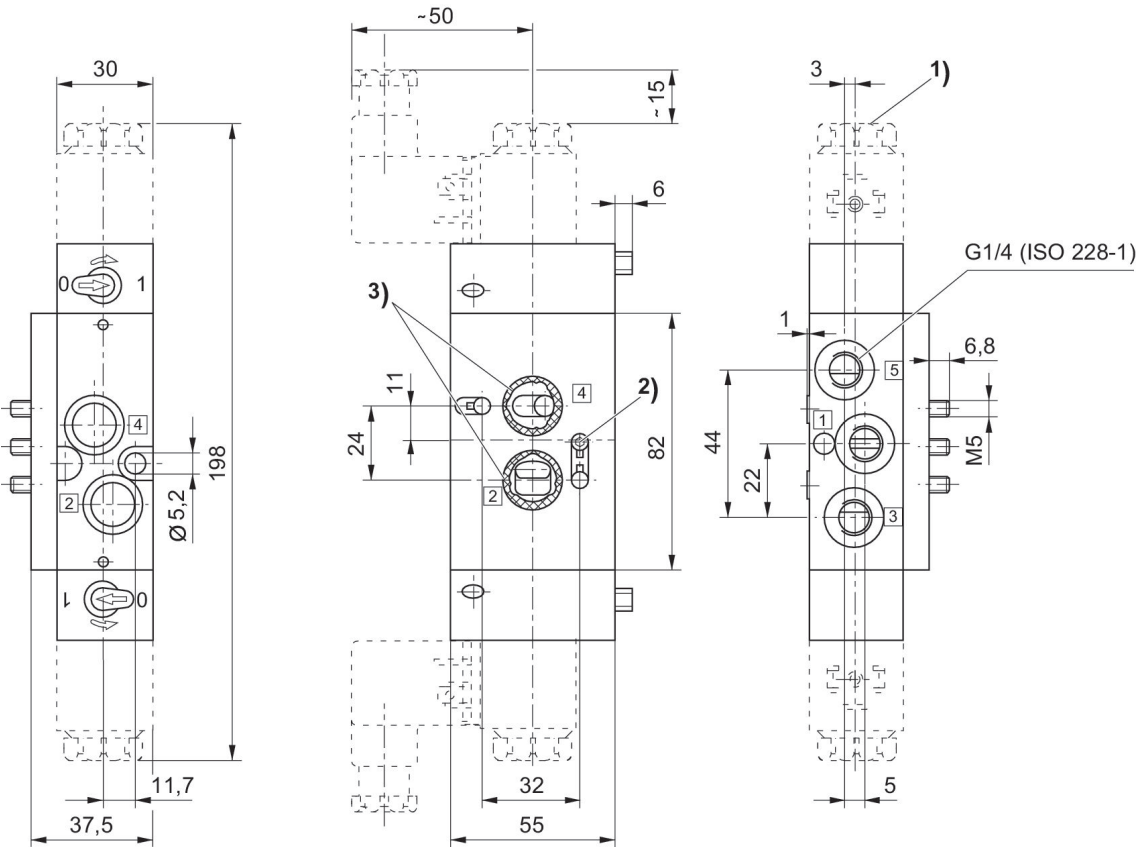
Flow: 900 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 900 l/min
Compressed air connection type: Base plate connection Internal thread
Basic valve equipment: Basic valve with base plate
Certificates: ATEX optional
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: Namur base plate
Compressed air connection, exhaust: G 1/4
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: 0 °C
Max. ambient temperature: 50 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Compressed air con- nection	Function	Pilot	Manual override	ATEX	Compatibil- ity index	Min. ambient temperature [°C]	Part No.
	G 1/4	Closed Cen- ter	Internal	with detent	ATEX option- al	13, 14	0	R412011157
	G 1/4	Exhausted Center	Internal	with detent	ATEX option- al	13, 14	0	R412011158
	G 1/4	Pressurized Center	Internal	with detent	ATEX option- al	13, 14	0	R412011159

Max. am- bient tem- perature [°C]	Part No.
50	R412011157
50	R412011158
50	R412011159

Dimensions



1) after removal of cap M 5 internal thread 2) threaded pin DIN 914 M5 x 20 3) O-ring 16 x 2 (included) 4) cylinder screw M5x40 (included in scope of delivery)

5/3-directional valve, Series CD07, double solenoid, G1/4, basic valve with base plate

Flow: 900 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 900 l/min
Compressed air connection type: Internal thread
Temperature resistance: -25 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Max. working pressure: 10 bar



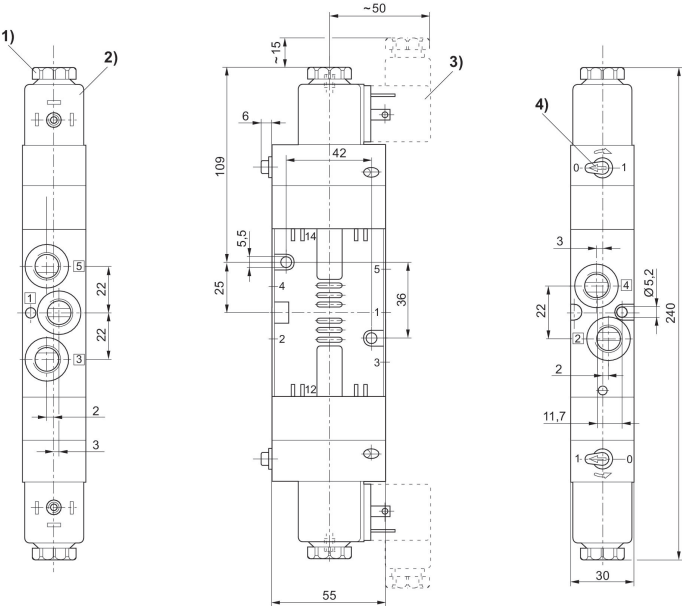
	Compressed air connection	Function	Pilot	Manual override	ATEX	Compatibility index	Min. ambient temperature [°C]	Part No.
	G 1/4	Closed Center	Internal	with detent	ATEX optional	13, 14	-25	577775302
	G 1/4	Closed Center	External	with detent	ATEX optional	13, 14	0	5777955302
	G 1/4	Closed Center	Internal	with detent	ATEX optional	13, 14	-25	5777725302
	G 1/4	Exhausted Center	Internal	with detent	ATEX optional	13, 14	0	5777765302
	G 1/4	Exhausted Center	External	with detent	ATEX optional	13, 14	0	5777945302
	G 1/4	Exhausted Center	Internal	with detent	ATEX optional	13, 14	-25	5777715302
	G 1/4	Pressurized Center	Internal	with detent	ATEX optional	13, 14	0	5777755302
	G 1/4	Pressurized Center	Internal	with detent	ATEX optional	13, 14	-25	5777705302

Max. ambient temperature [°C]	Basic valve equipment	Part No.
50	Basic valve without coil	577775302
50	Basic valve without coil	5777955302
50	Basic valve without coil	5777725302
50	Basic valve without coil	5777765302
50	Basic valve without coil	5777945302
50	Basic valve without coil	5777715302
50	Basic valve without coil	5777755302

Max. ambient temperature [°C]	Basic valve equipment	Part No.
50	Basic valve without coil	5777705302

577775302, 5777725302, 5777715302, 5777705302

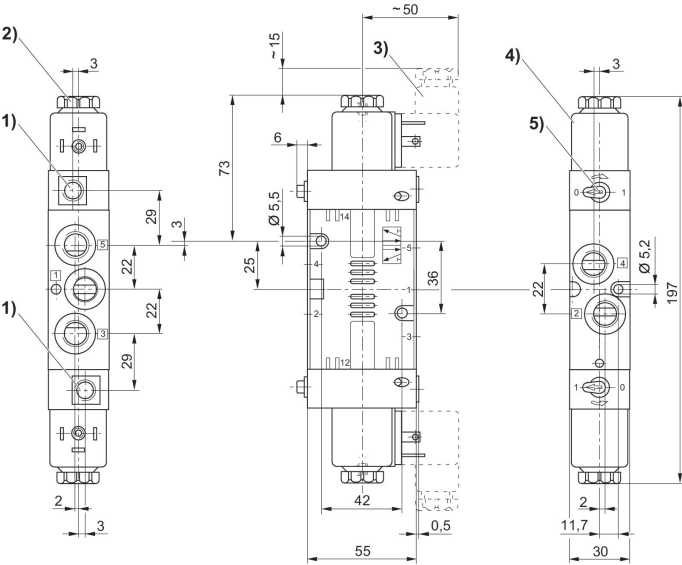
Dimensions



- 1) After removal of cap M5 internal thread
- 2) Coil can be plugged at 45° intervals
- 3) Valve plug connector
- 4) Manual override

5777955302, 5777765302, 5777945302, 5777755302

Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

5/3-directional valve, Series CD07, double solenoid, M14x1,5

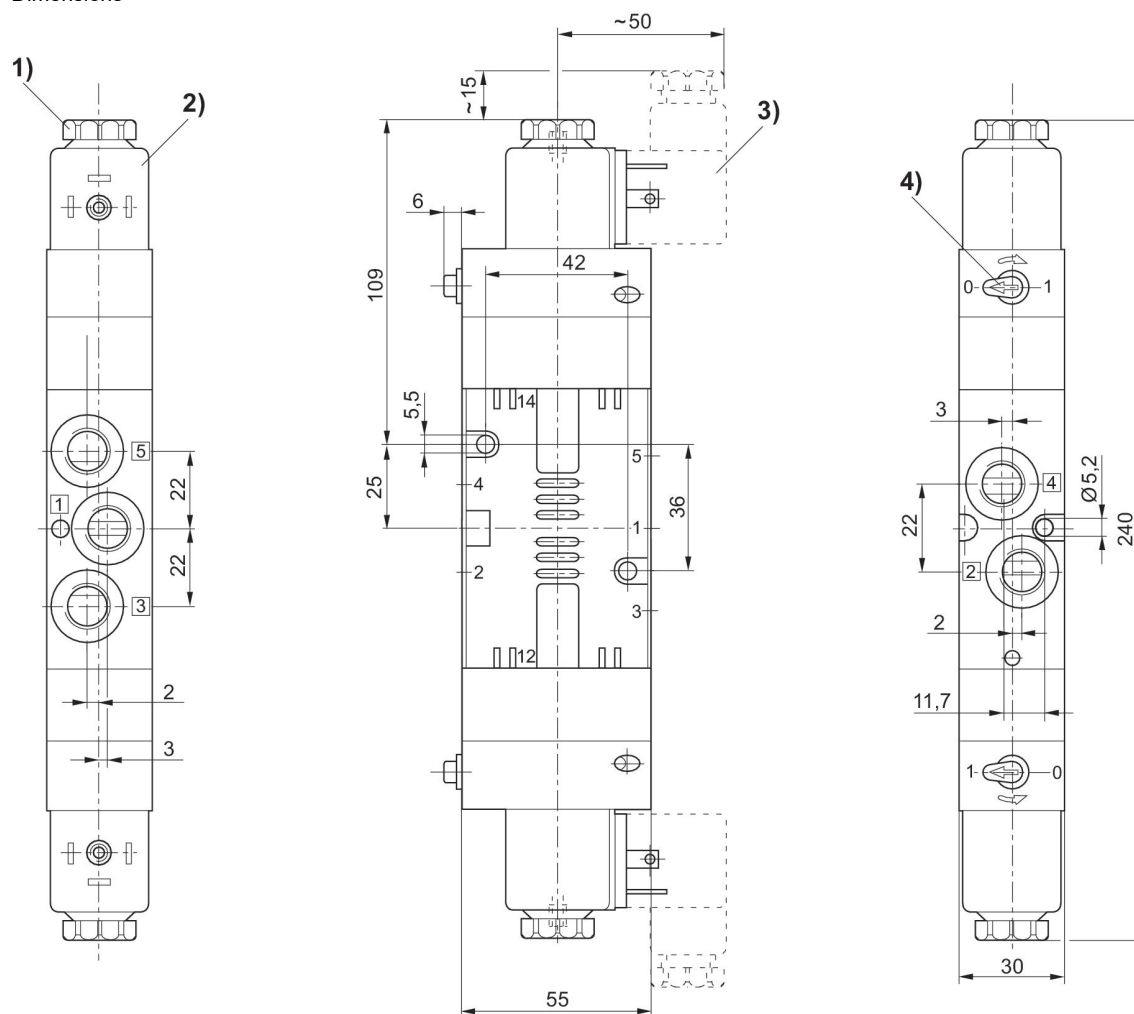
Flow: 900 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 900 l/min
Compressed air connection type: Internal thread
Temperature resistance: -30 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: M14x1,5
Compressed air connection output: M14x1,5
Compressed air connection, exhaust: M14x1,5
Min. control pressure: 3.5 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -30 °C
Max. ambient temperature: 70 °C
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Compatibility index	Min. ambient temperature [°C]	Part No.
	110 V DC	M14x1,5	Closed Center	Internal	with detent	13, 14	-30	5776920270

Max. ambient temperature [°C]	Part No.
70	5776920270

Dimensions



5/3-directional valve, Series CD07, double solenoid, G1/4

Flow: 900 l/min

Activation: Electrically operated

Electrical connection 2, thread size: EN 175301-803, form A

Qn 1 > 2: 900 l/min

Compressed air connection type: Internal thread

Temperature resistance: -25 °C cold-resistant

Electrical connection 2, number of poles: 3-pin

Compressed air connection input: G 1/4

Compressed air connection output: G 1/4

Compressed air connection, exhaust: G 1/4

Min. control pressure: 3 bar

Max. control pressure: 10 bar

Pilot valve width: 30 mm

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Max. working pressure: 10 bar

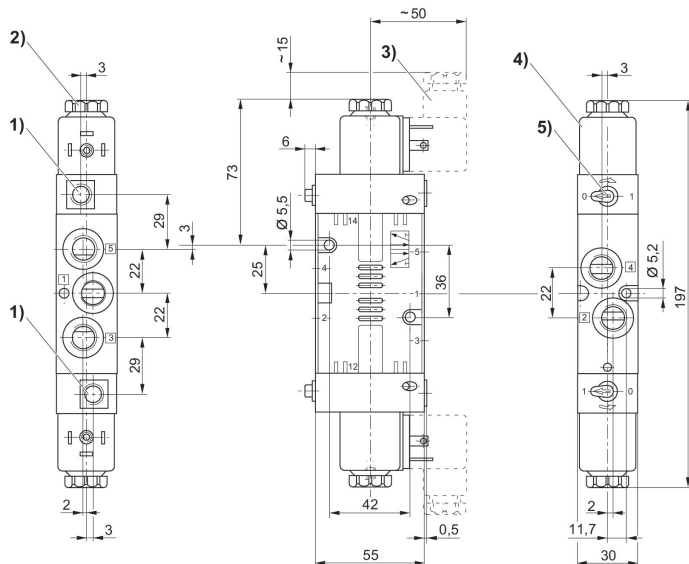


	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Function	Pilot	Manual override	Part No.
	24 V DC			G 1/4	Closed Center	Internal	with detent	5777770220
		110 V	110 V	G 1/4	Closed Center	Internal	with detent	5777775270
		230 V	230 V	G 1/4	Closed Center	Internal	with detent	5777775280
		24 V	24 V	G 1/4	Closed Center	Internal	with detent	5777775220
	24 V DC			G 1/4	Closed Center	Internal	with detent	5777720220
		230 V	230 V	G 1/4	Closed Center	Internal	with detent	5777725280
	24 V DC			G 1/4	Closed Center	External	with detent	R412003424
	230 V AC	230 V	230 V	G 1/4	Closed Center	External	with detent	5777955280
	24 V DC			G 1/4	Exhausted Center	Internal	with detent	5777760220
		110 V	110 V	G 1/4	Exhausted Center	Internal	with detent	5777765270
		230 V	230 V	G 1/4	Exhausted Center	Internal	with detent	5777765280
	24 V DC			G 1/4	Exhausted Center	Internal	with detent	5777710220
		230 V	230 V	G 1/4	Exhausted Center	Internal	with detent	5777715280
	24 V DC			G 1/4	Pressurized Center	Internal	with detent	5777750220
		230 V	230 V	G 1/4	Pressurized Center	Internal	with detent	5777755280
	24 V DC			G 1/4	Pressurized Center	Internal	with detent	5777700220

Compatibil- ity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
13, 14	-25	50	5777770220
13, 14	-25	50	5777775270
13, 14	-25	50	5777775280
13, 14	-25	50	5777775220
13, 14	-25	50	5777720220
13, 14	-25	50	5777725280
13, 14	0	50	R412003424
13, 14	0	50	5777955280
13, 14	0	50	5777760220
13, 14	0	50	5777765270
13, 14	0	50	5777765280
13, 14	-25	50	5777710220
13, 14	-25	50	5777715280
13, 14	0	50	5777750220
13, 14	0	50	5777755280
13, 14	-25	50	5777700220

**5777770220, 5777775270, 5777775280,
5777775220, R412003424, 5777955280,
5777760220, 5777765270, 5777765280,
5777750220, 5777755280**

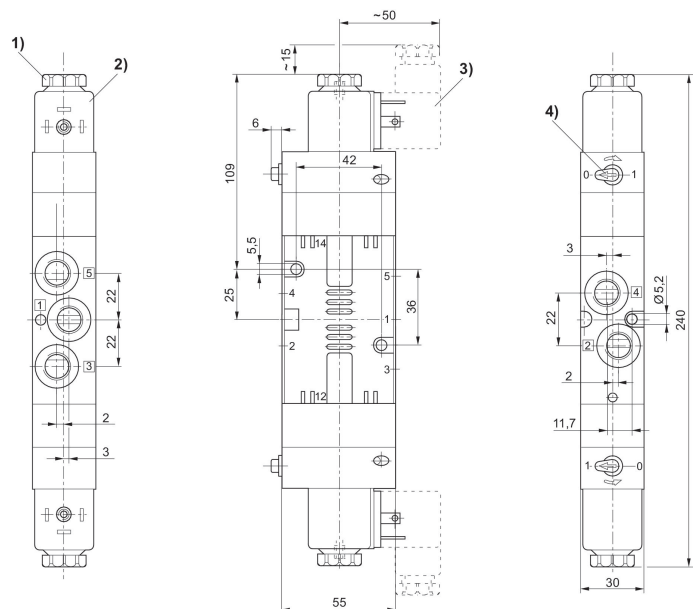
Dimensions in mm



- 1) Only with separate pilot control G 1/8
- 2) After removal of cap M 5 internal thread
- 3) Valve plug connector
- 4) Coil can be plugged at 45° intervals
- 5) Manual override

**5777720220, 5777725280, 5777710220,
5777715280, 5777700220**

Dimensions



- 1) After removal of cap M5 internal thread
- 2) Coil can be plugged at 45° intervals
- 3) Valve plug connector
- 4) Manual override

5/2-directional valve, Series CD07, single solenoid, G1/4, -15 °C cold-resistant

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -15 °C
Max. ambient temperature: 50 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar

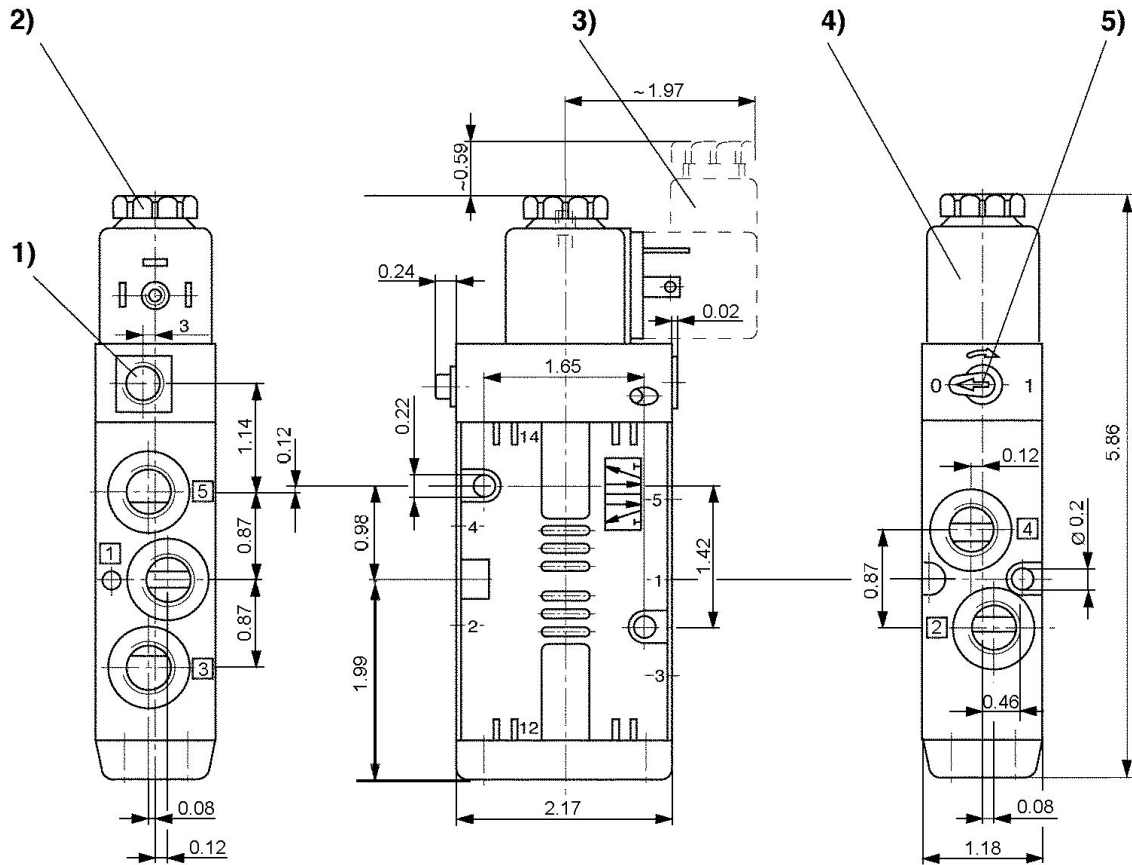


	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	Compatibil-ity index	Part No.
	12 V DC			1/4 NPT	Internal	with detent	13, 14	R432016585
	24 V DC			1/4 NPT	Internal	with detent	13, 14	R432016584
	110 V AC	110 V	110 V	1/4 NPT	Internal	with detent	13, 14	R432016582
	230 V AC	230 V	230 V	1/4 NPT	Internal	with detent	13, 14	R432016583
	24 V AC	24 V	24 V	1/4 NPT	Internal	with detent	13, 14	R432016586
	12 V DC			1/4 NPT	External	with detent	13, 14	R432016615
	24 V DC			1/4 NPT	External	with detent	13, 14	R432016613
	110 V AC	110 V	110 V	1/4 NPT	External	with detent	13, 14	R432016605
	230 V AC	230 V	230 V	1/4 NPT	External	with detent	13, 14	R432016609
	24 V AC	24 V	24 V	1/4 NPT	External	with detent	13, 14	R432016618

Min. ambient temperature [°C]	Max. am-bient tem-perature [°C]	Part No.
-15	50	R432016585
-15	50	R432016584
-15	50	R432016582
-15	50	R432016583
-15	50	R432016586

Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
-15	50	R432016615
-15	50	R432016613
-15	50	R432016605
-15	50	R432016609
-15	50	R432016618

Dimensions in inches



- 1) Only with separate pilot control G 1/8 2) After removal of cap M5 internal thread 3) Valve plug connector
4) Coil can be plugged at 45° intervals 5) Manual override

5/2-directional valve, Series CD07, single solenoid, G1/4, -15 °C cold-resistant

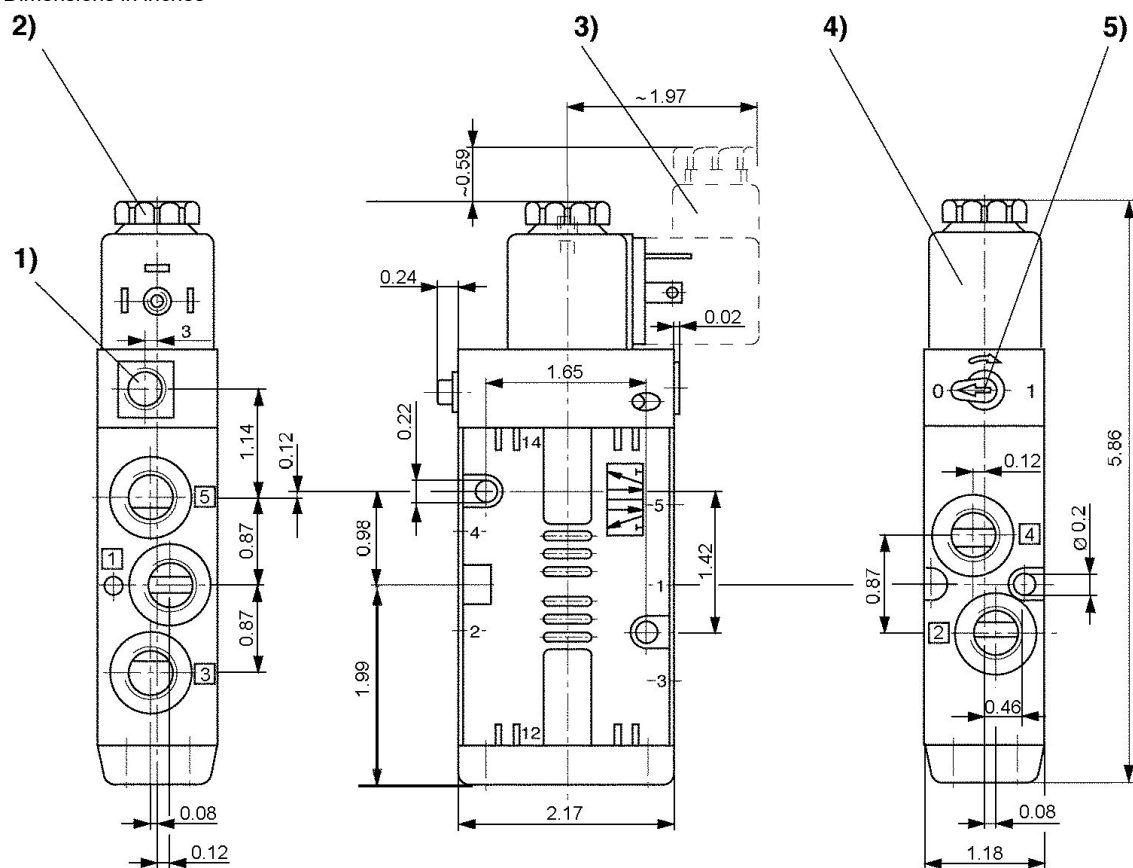
Flow: 1200 l/min
Activation: Electrically operated
Coil width: 30 mm
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -15 °C
Max. ambient temperature: 50 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air con- nection	Pilot	Manual override	Compatibil- ity index	Part No.
	110 V AC	110 V	110 V	1/4 NPT	Internal	with detent	13, 14	R432032544
	230 V AC	230 V	230 V	1/4 NPT	Internal	with detent	13, 14	R432032545
	24 V DC			1/4 NPT		with detent	13, 14	R432039170

Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
-15	50	R432032544
-15	50	R432032545
-15	50	R432039170

Dimensions in inches



1) Only with separate pilot control G 1/8 2) After removal of cap M5 internal thread 3) Valve plug connector
4) Coil can be plugged at 45° intervals 5) Manual override

5/2-directional valve, Series CD07, double solenoid, G1/4, -15 °C cold-resistant

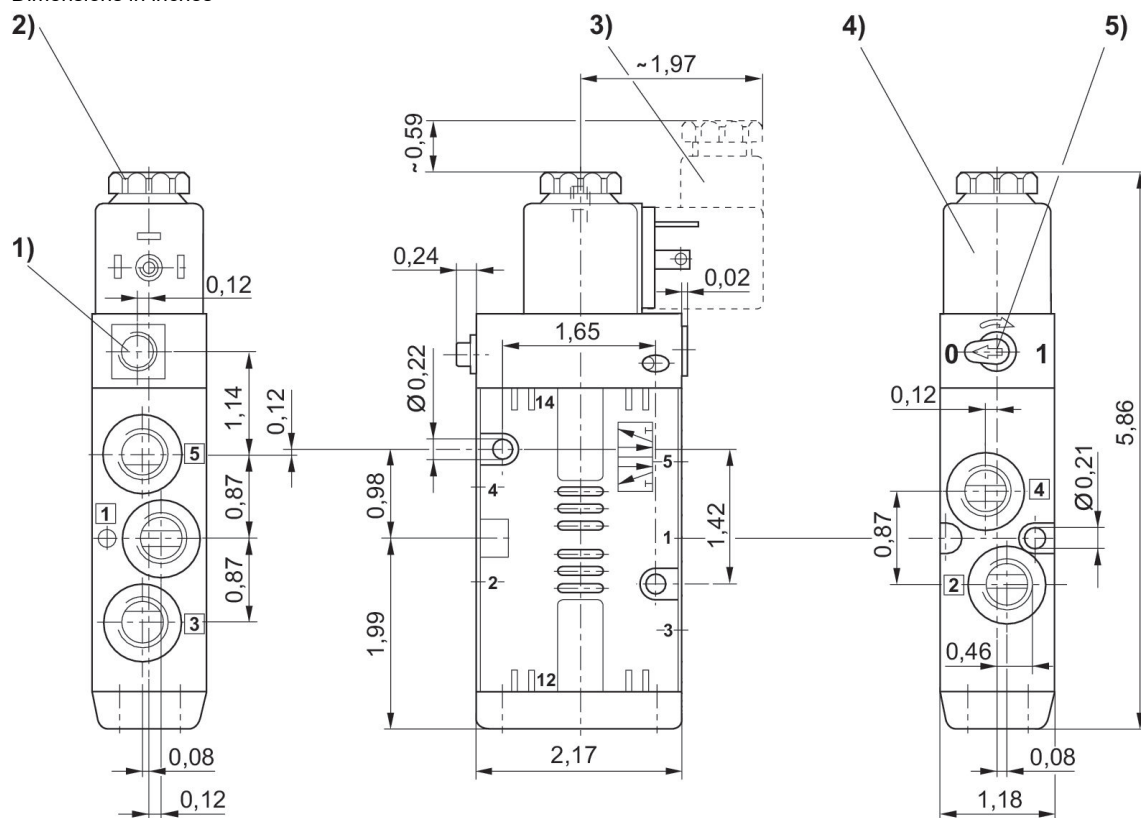
Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: 1.5 bar
Max. control pressure: 10 bar
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -15 °C
Max. ambient temperature: 50 °C
Min. working pressure: 2 bar
Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	Compatibility index	Part No.
	110 V AC	110 V	110 V	1/4 NPT	Internal	with detent	13, 14	R432016587
	230 V AC	230 V	230 V	1/4 NPT	Internal	with detent	13, 14	R432016589
	12 V DC			1/4 NPT	Internal	with detent	13, 14	R432016593
	24 V DC			1/4 NPT	Internal	with detent	13, 14	R432016591
	24 V AC	24 V	24 V	1/4 NPT	Internal	with detent	13, 14	R432016595
	12 V DC			1/4 NPT	External	with detent	13, 14	R432016616
	110 V AC	110 V	110 V	1/4 NPT	External	with detent	13, 14	R432016604
	230 V AC	230 V	230 V	1/4 NPT	External	with detent	13, 14	R432016608

Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
-15	50	R432016587
-15	50	R432016589
-15	50	R432016593
-15	50	R432016591
-15	50	R432016595
-15	50	R432016616
-15	50	R432016604
-15	50	R432016608

Dimensions in inches



- 1) Only with separate pilot control G 1/8 2) After removal of cap M5 internal thread 3) Valve plug connector
4) Coil can be plugged at 45° intervals 5) Manual override

5/2-directional valve, Series CD07, double solenoid, G1/4, -15 °C cold-resistant

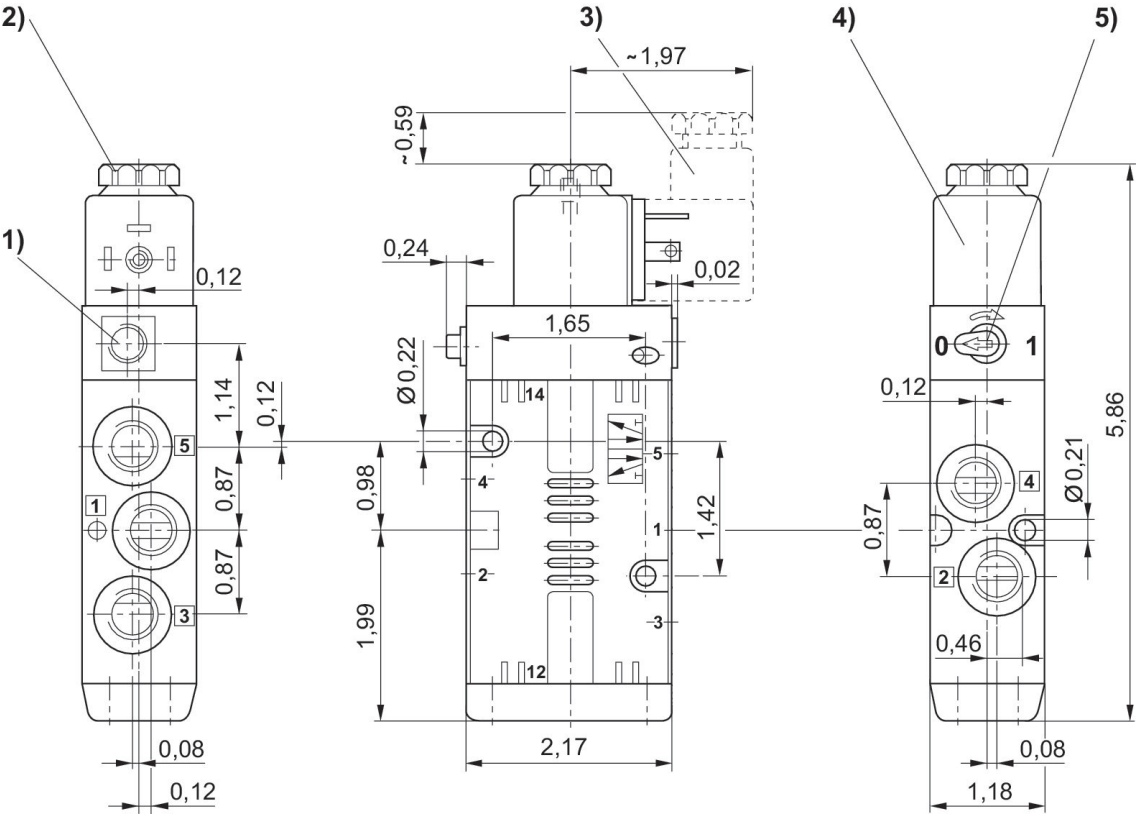
Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: 2 bar
Max. control pressure: 10 bar
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -15 °C
Max. ambient temperature: 50 °C
Min. working pressure: 2 bar
Max. working pressure: 10 bar



	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Pilot	Manual override	Compatibility index	Part No.
	110 V AC	110 V	110 V	1/4 NPT	Internal	with detent	13, 14	R432032546

Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
-15	50	R432032546

Dimensions in inches



1) Only with separate pilot control G 1/8 2) After removal of cap M5 internal thread 3) Valve plug connector
4) Coil can be plugged at 45° intervals 5) Manual override

5/3-directional valve, Series CD07, double solenoid, G1/4, -15 °C cold-resistant

Flow: 900 l/min

Activation: Electrically operated

Electrical connection 2, thread size: EN 175301-803, form A

Qn 1 > 2: 900 l/min

Compressed air connection type: Internal thread

Electrical connection 2, number of poles: 3-pin

Compressed air connection input: 1/4 NPT

Compressed air connection output: 1/4 NPT

Compressed air connection, exhaust: 1/4 NPT

Min. control pressure: 3 bar

Max. control pressure: 10 bar

Duty cycle: 100 %

Type: Spool valve, positive overlapping

Min. ambient temperature: -15 °C

Max. ambient temperature: 50 °C

Min. working pressure: 3 bar

Max. working pressure: 10 bar

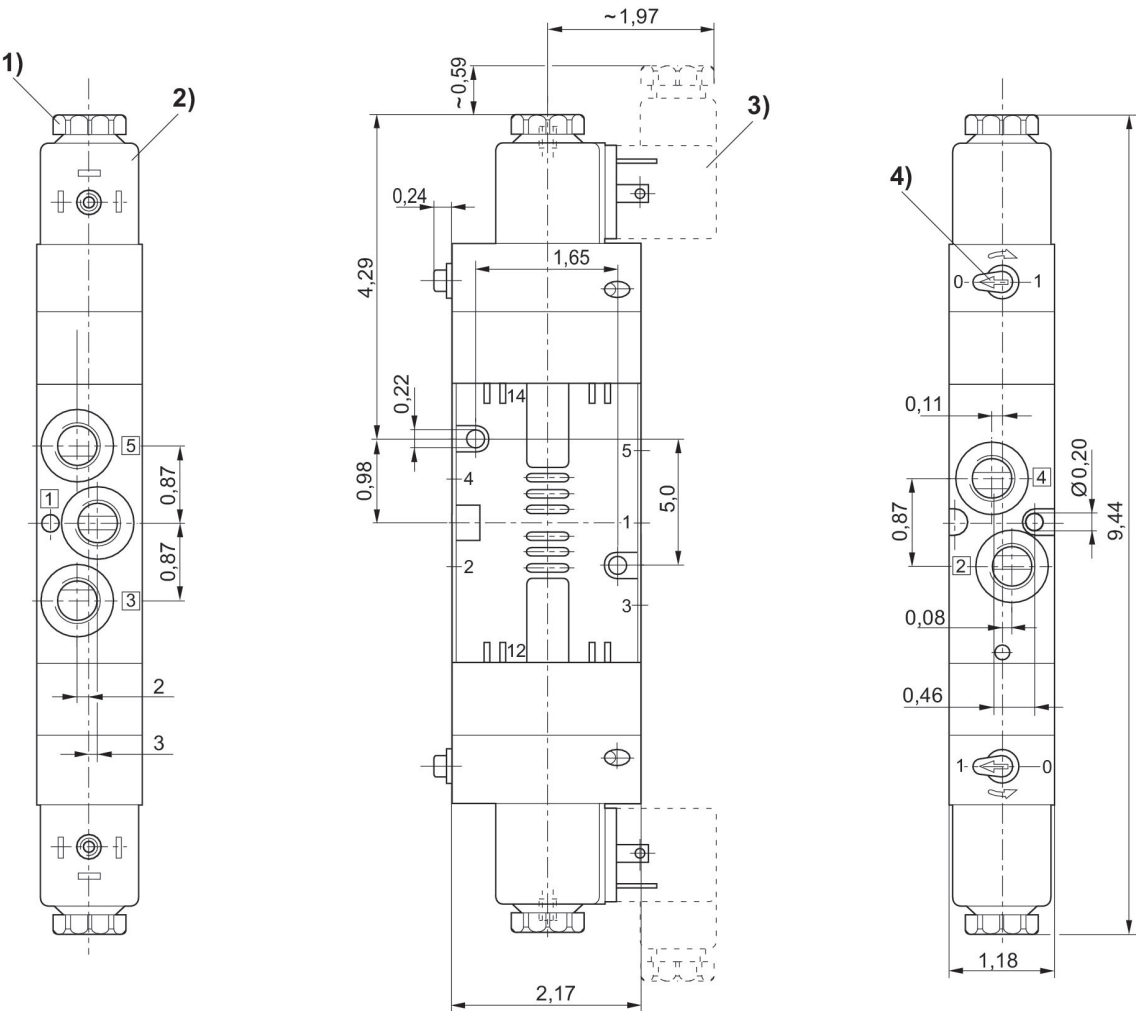


	Operational voltage	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Compressed air connection	Function	Pilot	Manual override	Part No.
	12 V DC			1/4 NPT	Closed Center	Internal	with detent	R432016594
	24 V DC			1/4 NPT	Closed Center	Internal	with detent	R432016592
	110 V AC	110 V	110 V	1/4 NPT	Closed Center	Internal	with detent	R432016588
	230 V AC	230 V	230 V	1/4 NPT	Closed Center	Internal	with detent	R432016590
	24 V AC	24 V	24 V	1/4 NPT	Closed Center	Internal	with detent	R432016596
	12 V DC			1/4 NPT	Pressurized Center	Internal	with detent	R432030384
	24 V DC			1/4 NPT	Pressurized Center	Internal	with detent	R432016602
	110 V AC	110 V	110 V	1/4 NPT	Pressurized Center	Internal	with detent	R432016601
	24 V AC	24 V	24 V	1/4 NPT	Pressurized Center	Internal	with detent	R432016603
	12 V DC			1/4 NPT	Exhausted Center	Internal	with detent	R432016599
	24 V DC			1/4 NPT	Exhausted Center	Internal	with detent	R432016598
	110 V AC	110 V	110 V	1/4 NPT	Exhausted Center	Internal	with detent	R432016597
	24 V AC	24 V	24 V	1/4 NPT	Exhausted Center	Internal	with detent	R432016600

Compati- lity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
13, 14	-15	50	R432016594
13, 14	-15	50	R432016592
13, 14	-15	50	R432016588
13, 14	-15	50	R432016590

Compatibil- ity index	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
13, 14	-15	50	R432016596
13, 14	-15	50	R432030384
13, 14	-15	50	R432016602
13, 14	-15	50	R432016601
13, 14	-15	50	R432016603
13, 14	-15	50	R432016599
13, 14	-15	50	R432016598
13, 14	-15	50	R432016597
13, 14	-15	50	R432016600

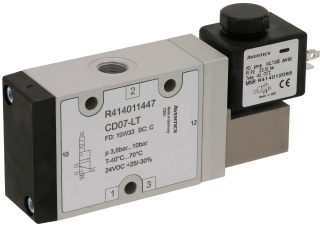
Dimensions in inches



1) After removal of cap M5 internal thread 2) Coil can be plugged at 45° intervals 3) Valve plug connector
4) Manual override

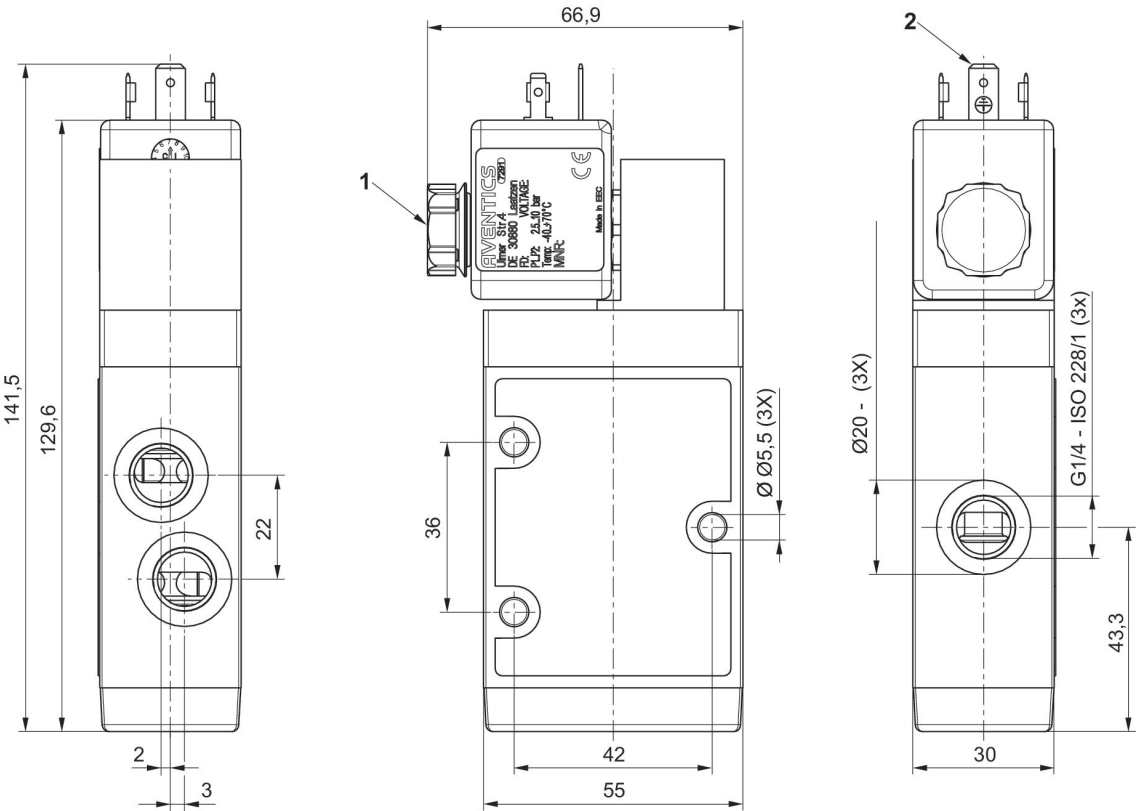
3/2-directional valve, Series CD07-LT, single solenoid, G1/4, -40 °C cold-resistant, internal

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	G 1/4	NC	Internal	with detent	-40	70	R414012384
	110 V DC	G 1/4	NC	Internal	with detent	-40	70	R414012361
	110 V DC	G 1/4	NC	Internal	without	-40	70	R414011829
	24 V DC	G 1/4	NC	Internal	without	-40	70	R414011447

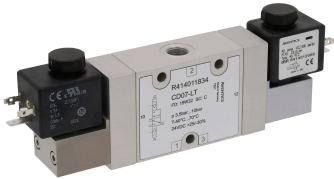
Dimensions in mm



- 1) Silencer
- 2) Valve plug connector form A, EN 175301-803

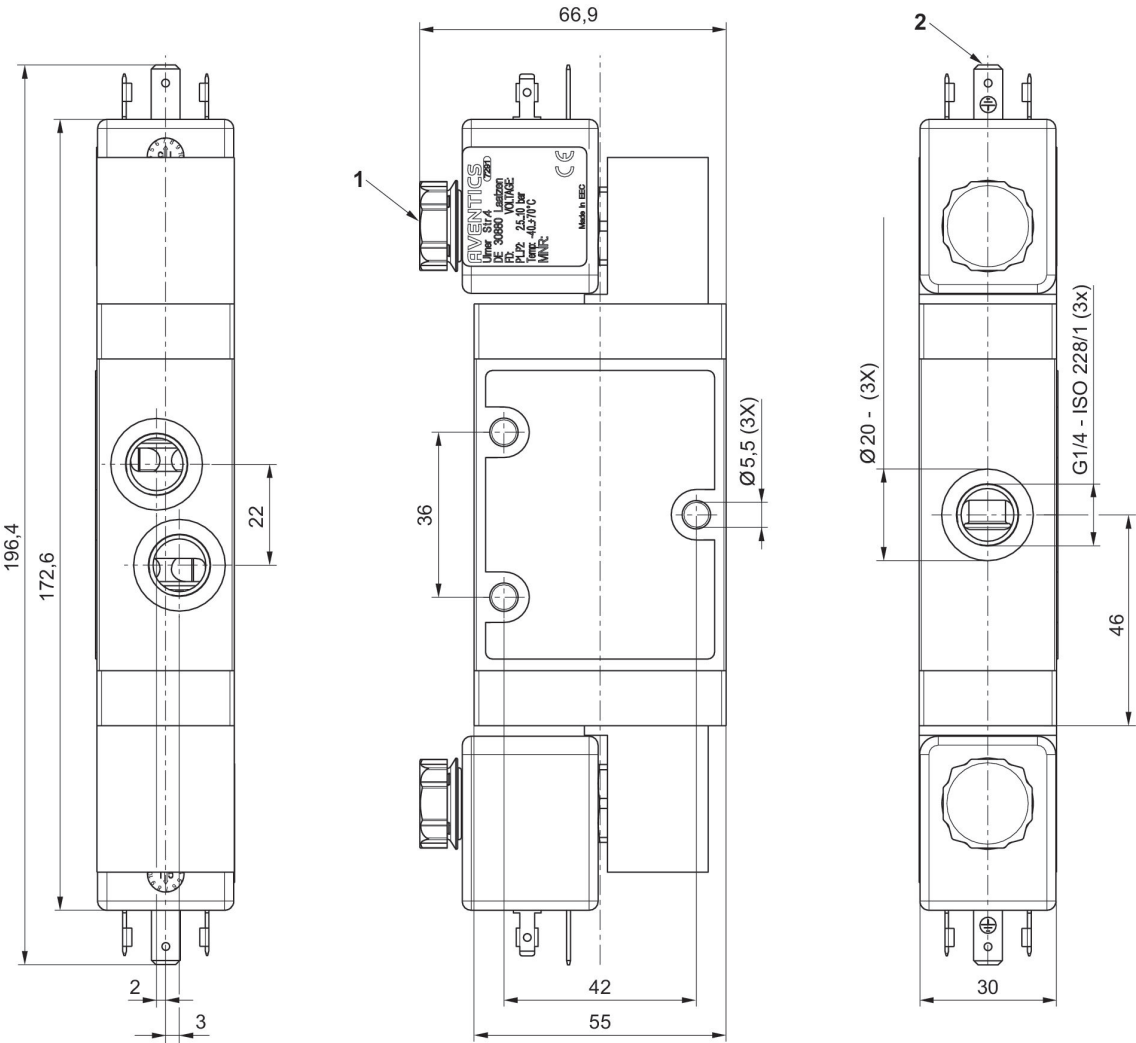
3/2-directional valve, Series CD07-LT, double solenoid, G1/4, -40 °C cold-resistant, internal

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	G 1/4	NC	Internal	with detent	-40	70	R414012364
	110 V DC	G 1/4	NC	Internal	with detent	-40	70	R414012365
	24 V DC	G 1/4	NC	Internal	without	-40	70	R414011832
	110 V DC	G 1/4	NC	Internal	without	-40	70	R414011833

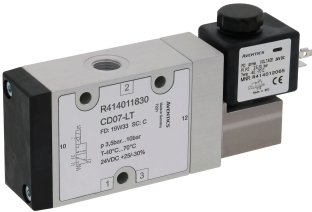
Dimensions in mm



- 1) Silencer
2) Valve plug connector form A, EN 175301-803

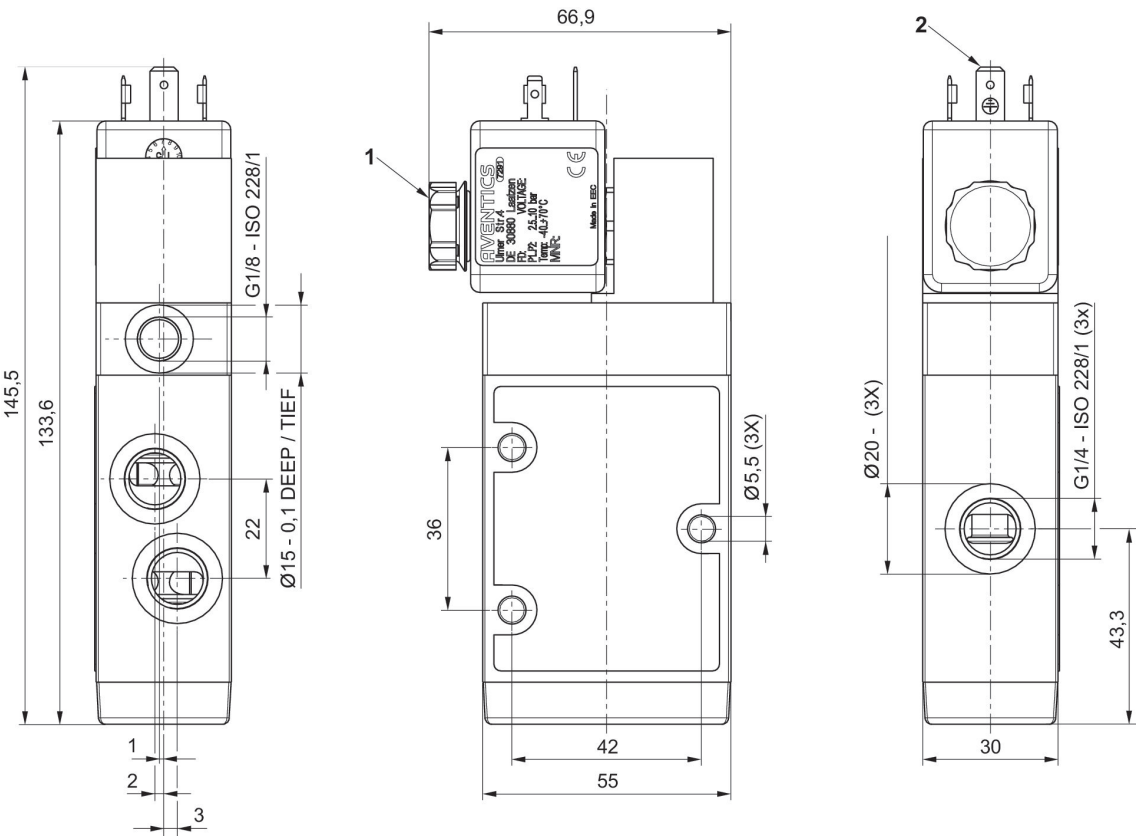
3/2-directional valve, Series CD07-LT, single solenoid, G1/4, -40 °C cold-resistant, external

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	G 1/4	NC	External	with detent	-40	70	R414012362
	110 V DC	G 1/4	NC	External	with detent	-40	70	R414012363
	24 V DC	G 1/4	NC	External	without	-40	70	R414011830
	110 V DC	G 1/4	NC	External	without	-40	70	R414011831

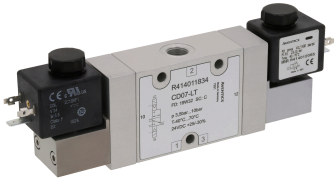
Dimensions in mm



- 1) Silencer
- 2) Valve plug connector form A, EN 175301-803

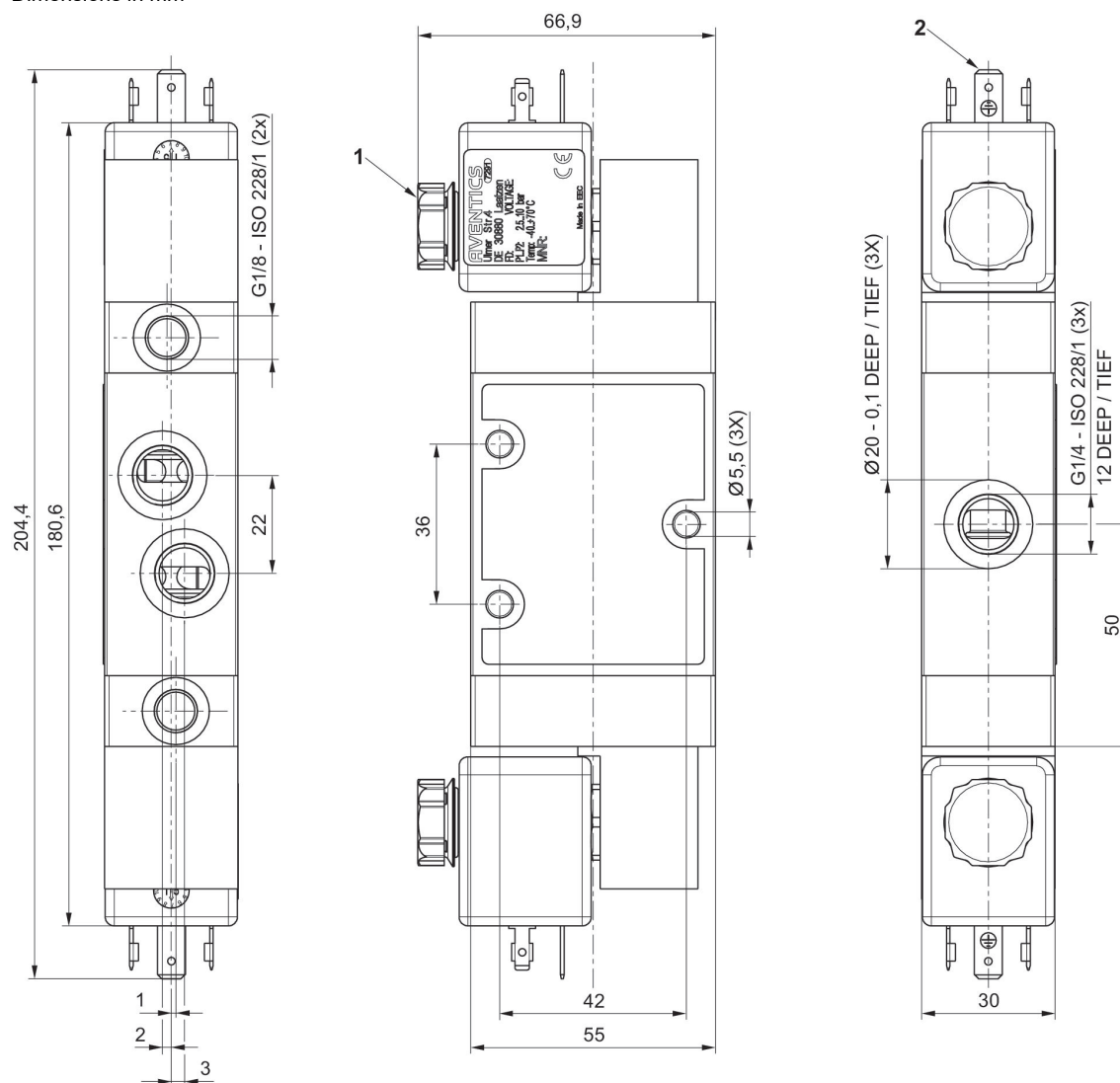
3/2-directional valve, Series CD07-LT, double solenoid, G1/4, -40 °C cold-resistant, external

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/8
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	G 1/4	NC	External	with detent	-40	70	R414012366
	110 V DC	G 1/4	NC	External	with detent	-40	70	R414012367
	24 V DC	G 1/4	NC	External	without	-40	70	R414011834
	110 V DC	G 1/4	NC	External	without	-40	70	R414011835

Dimensions in mm



1) Silencer

2) Valve plug connector form A, EN 175301-803

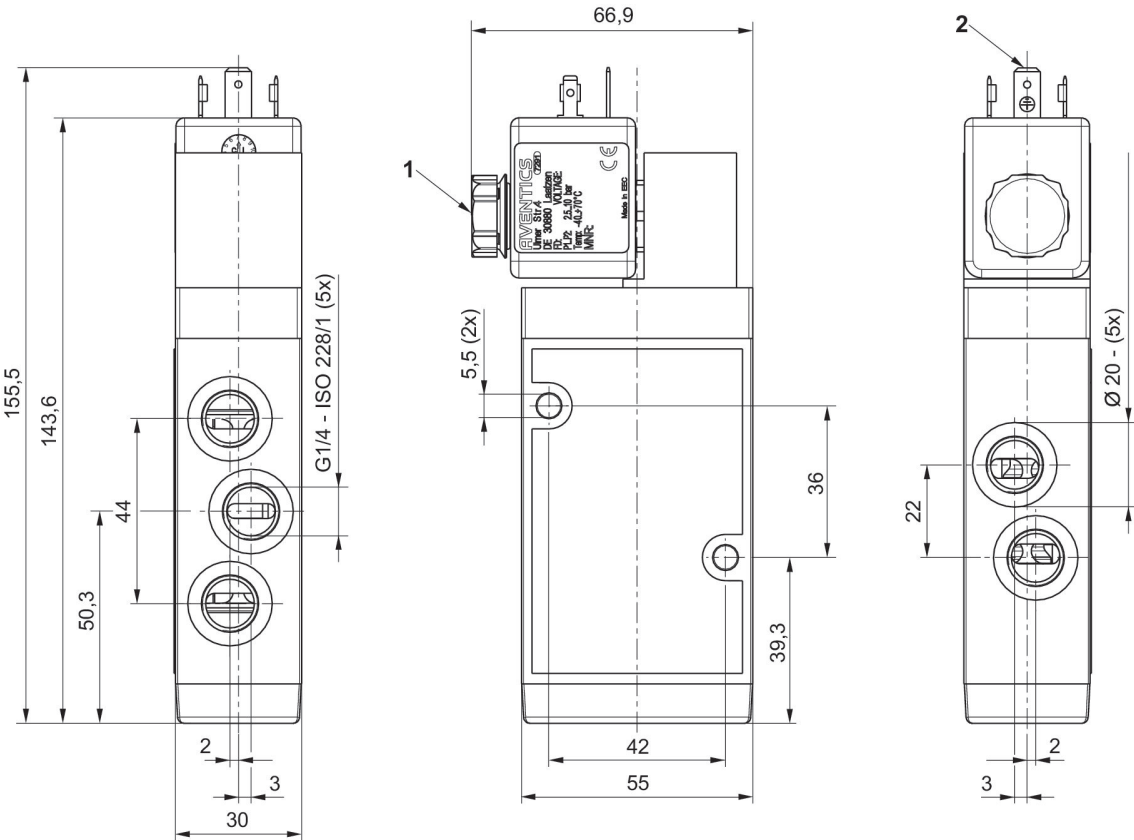
5/2-directional valve, Series CD07-LT, single solenoid, G1/4, -40 °C cold-resistant, internal

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	G 1/4	NC	Internal	with detent	-40	70	R414012376
	110 V DC	G 1/4	NC	Internal	with detent	-40	70	R414012377
	24 V DC	G 1/4	NC	Internal	without	-40	70	R414011870
	110 V DC	G 1/4	NC	Internal	without	-40	70	R414011871

Dimensions in mm



- 1) Silencer
2) Valve plug connector form A, EN 175301-803

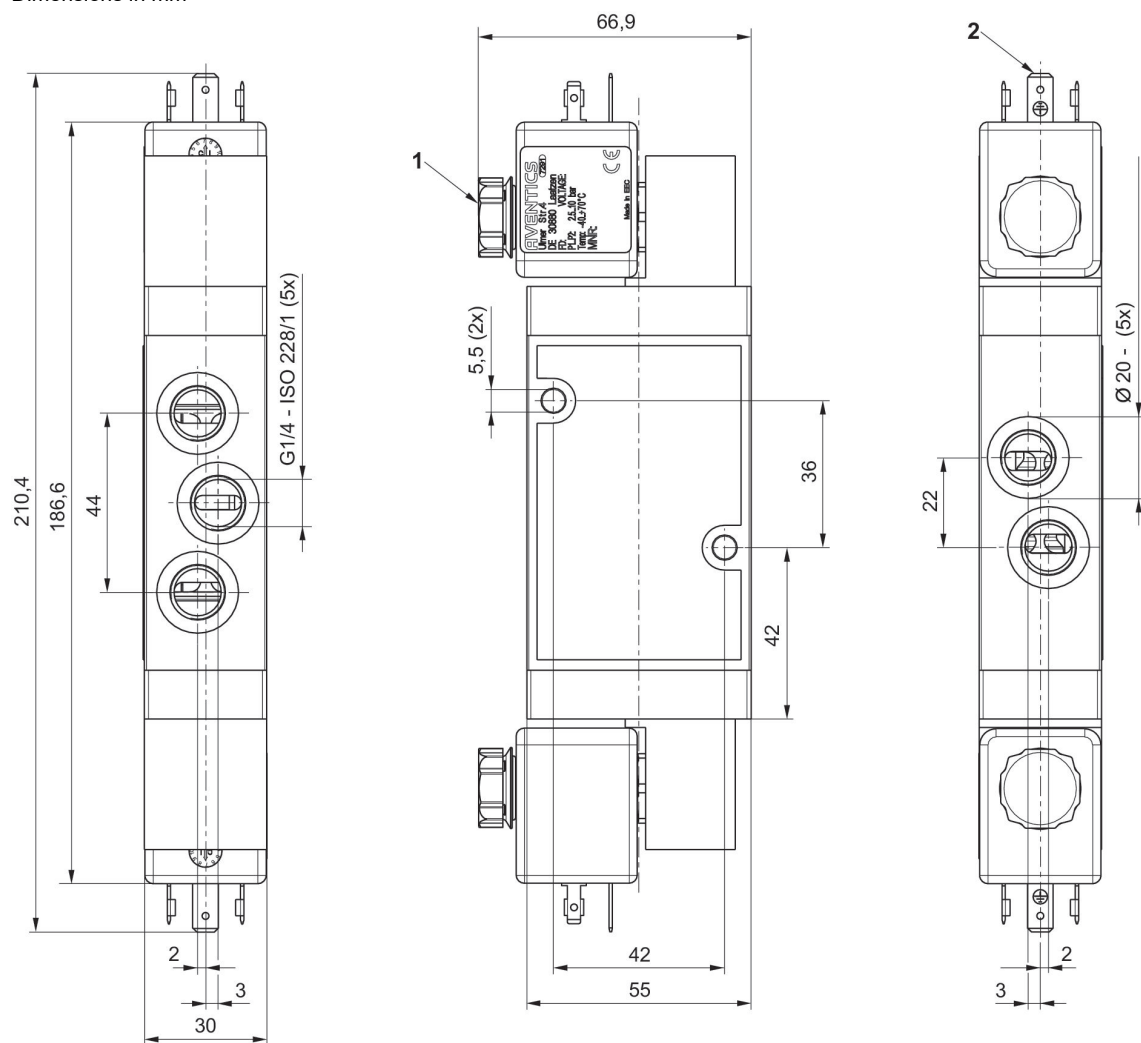
5/2-directional valve, Series CD07-LT, double solenoid, G1/4, -40 °C cold-resistant, internal

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	G 1/4	NC	Internal	with detent	-40	70	R414012380
	110 V DC	G 1/4	NC	Internal	with detent	-40	70	R414012381
	24 V DC	G 1/4	NC	Internal	without	-40	70	R414011874
	110 V DC	G 1/4	NC	Internal	without	-40	70	R414011875

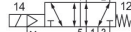
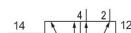
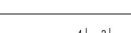
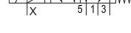
Dimensions in mm



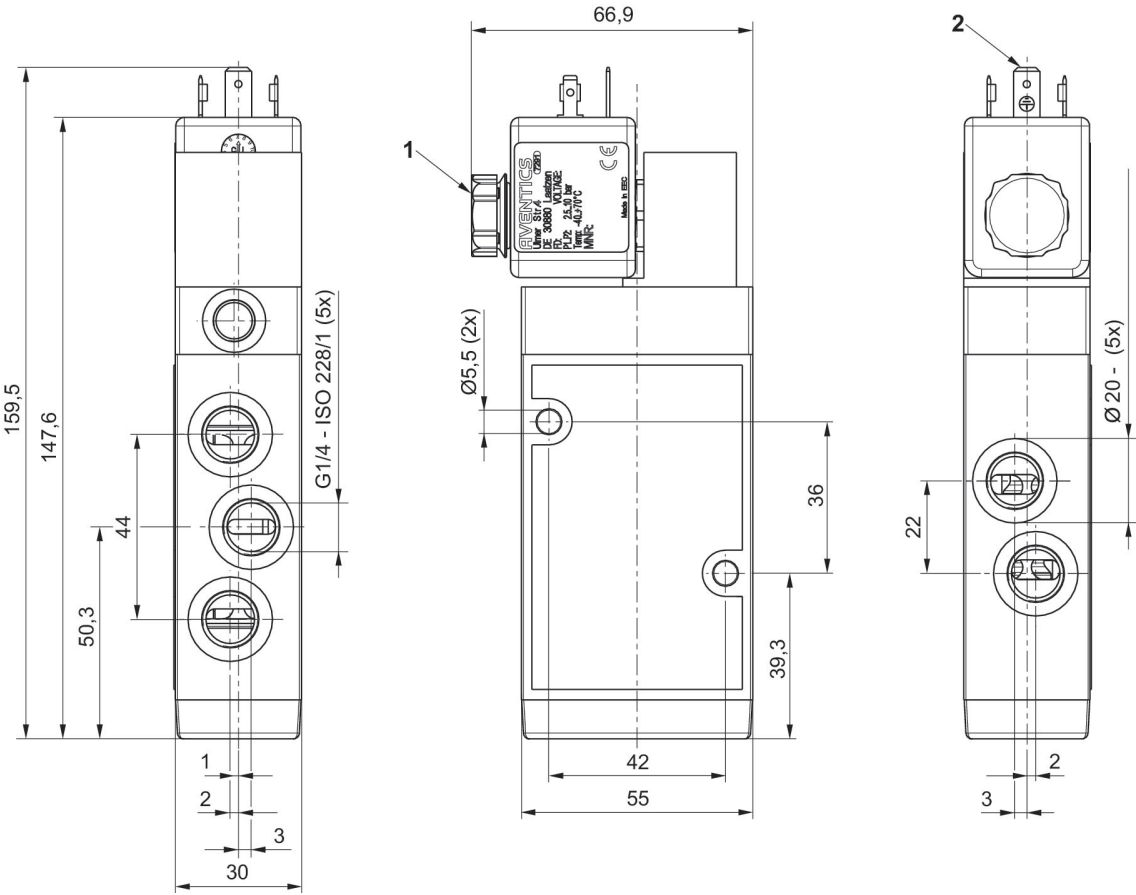
- 1) Silencer
2) Valve plug connector form A, EN 175301-803

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	G 1/4	NC	External	with detent	-40	70	R414012378
	110 V DC	G 1/4	NC	External	with detent	-40	70	R414012379
	24 V DC	G 1/4	NC	External	without	-40	70	R414011872
	110 V DC	G 1/4	NC	External	without	-40	70	R414011873

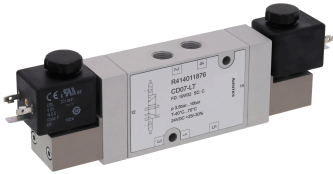
Dimensions in mm



- 1) Silencer
- 2) Valve plug connector form A, EN 175301-803

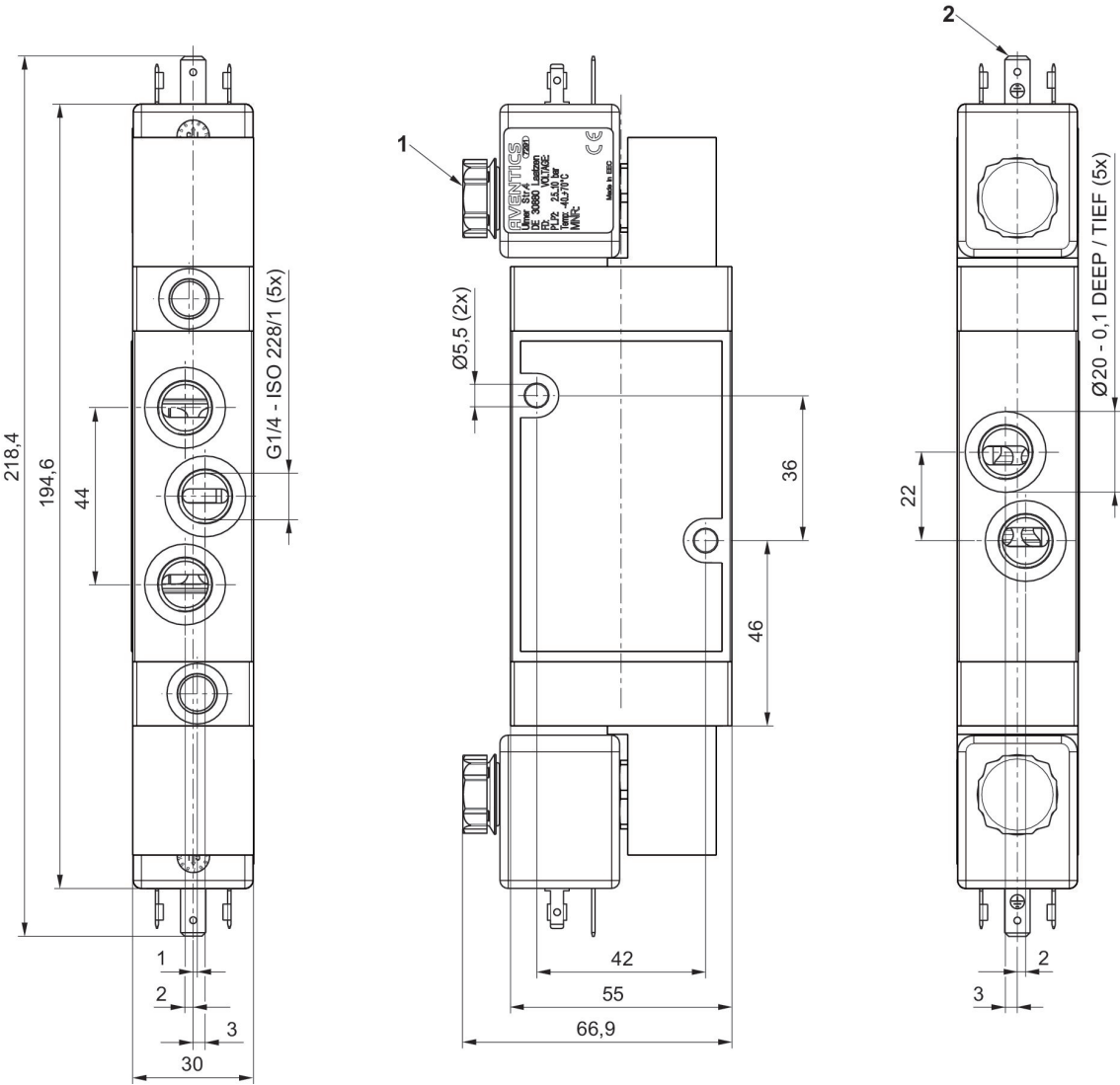
5/2-directional valve, Series CD07-LT, double solenoid, G1/4, -40 °C cold-resistant, external

Flow: 1200 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	G 1/4	NC	External	with detent	-40	70	R414012382
	110 V DC	G 1/4	NC	External	with detent	-40	70	R414012383
	24 V DC	G 1/4	NC	External	without	-40	70	R414011876
	110 V DC	G 1/4	NC	External	without	-40	70	R414011877

Dimensions in mm



- 1) Silencer
2) Valve plug connector form A, EN 175301-803

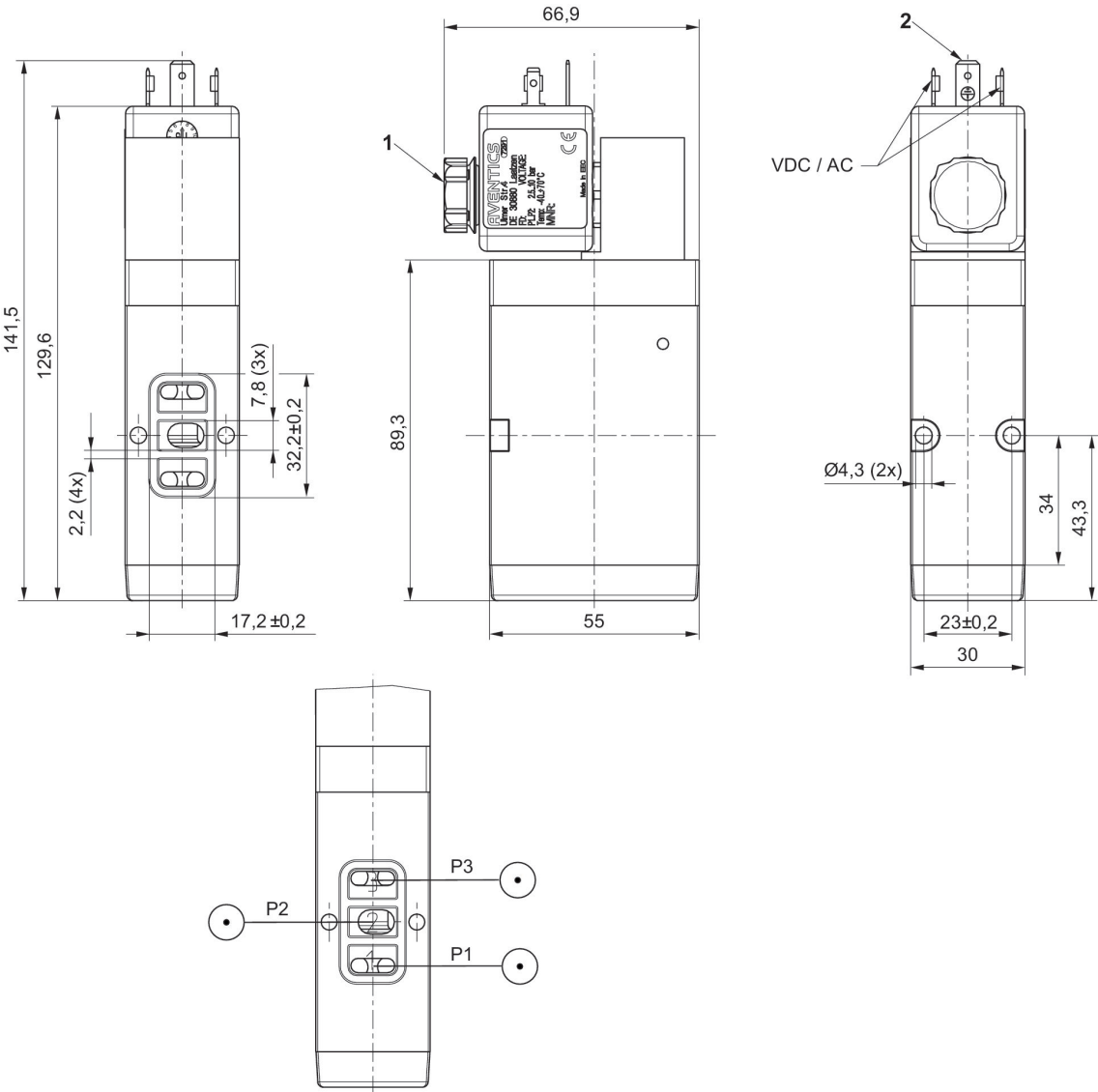
3/2-directional valve, Series CD07-LT, single solenoid, flange, -40 °C cold-resistant, internal

Flow: 1000 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1000 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: flange
Compressed air connection output: flange
Compressed air connection, exhaust: flange
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	flange	NC	Internal	with detent	-40	70	R414012228
	110 V DC	flange	NC	Internal	with detent	-40	70	R414012229
	24 V DC	flange	NC	Internal	without	-40	70	R414011836
	110 V DC	flange	NC	Internal	without	-40	70	R414011837

Dimensions in mm



- 1) Silencer
- 2) Valve plug connector form A, EN 175301-803

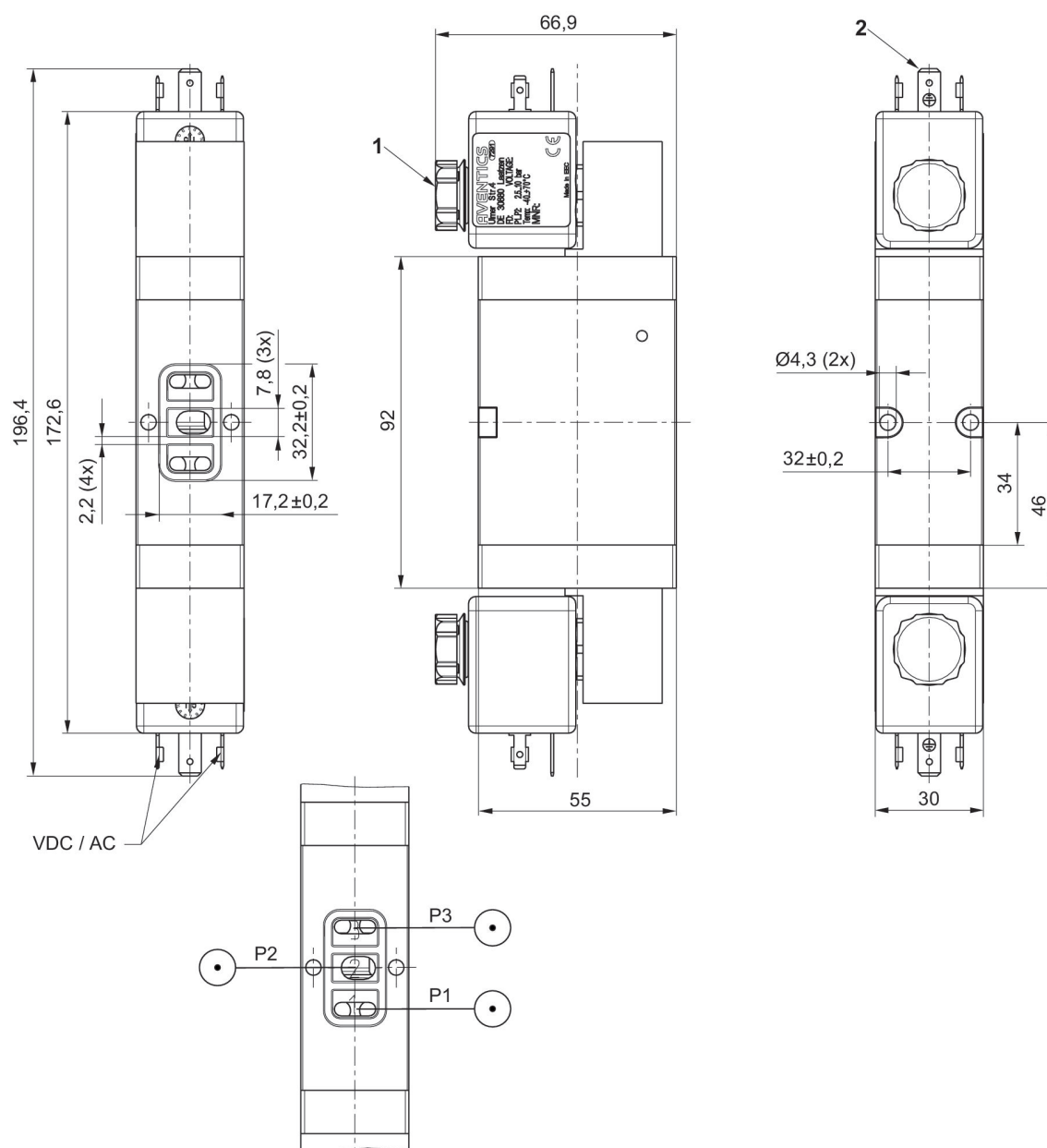
3/2-directional valve, Series CD07-LT, double solenoid, flange, -40 °C cold-resistant, internal

Flow: 1000 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1000 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: flange
Compressed air connection output: flange
Compressed air connection, exhaust: flange
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	flange	NC	Internal	with detent	-40	70	R414012232
	110 V DC	flange	NC	Internal	with detent	-40	70	R414012233
	24 V DC	flange	NC	Internal	without	-40	70	R414011840
	110 V DC	flange	NC	Internal	without	-40	70	R414011841

Dimensions in mm



- 1) Silencer
- 2) Valve plug connector form A, EN 175301-803

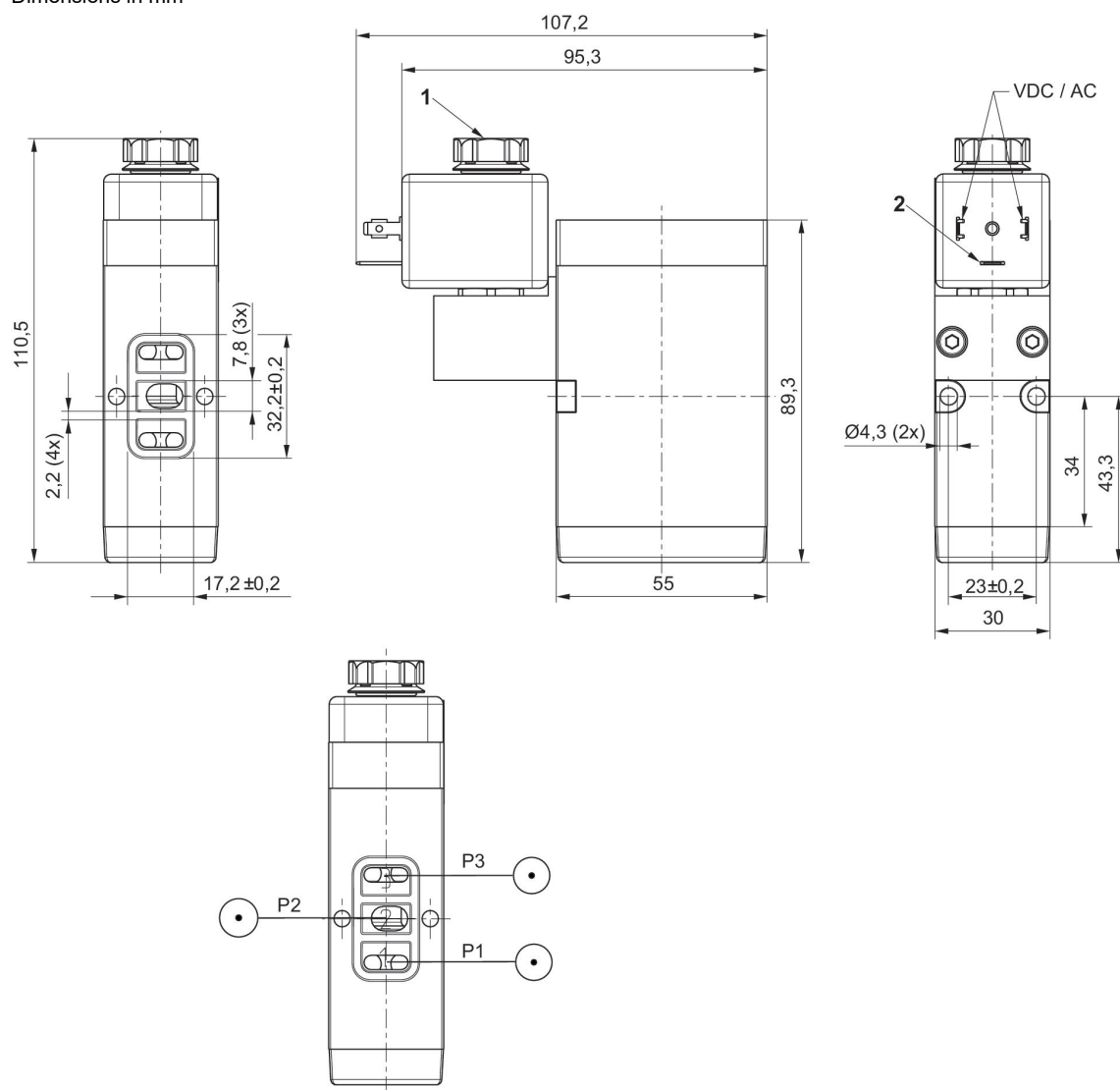
3/2-directional valve, Series CD07-LT, single solenoid, flange, -40 °C cold-resistant, internal

Flow: 1000 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1000 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: flange
Compressed air connection output: flange
Compressed air connection, exhaust: flange
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	flange	NC	Internal	with detent	-40	70	R414012261
	110 V DC	flange	NC	Internal	with detent	-40	70	R414012262
	24 V DC	flange	NC	Internal	without	-40	70	R414012253
	110 V DC	flange	NC	Internal	without	-40	70	R414012254

Dimensions in mm



1) Silencer

2) Valve plug connector form A, EN 175301-803

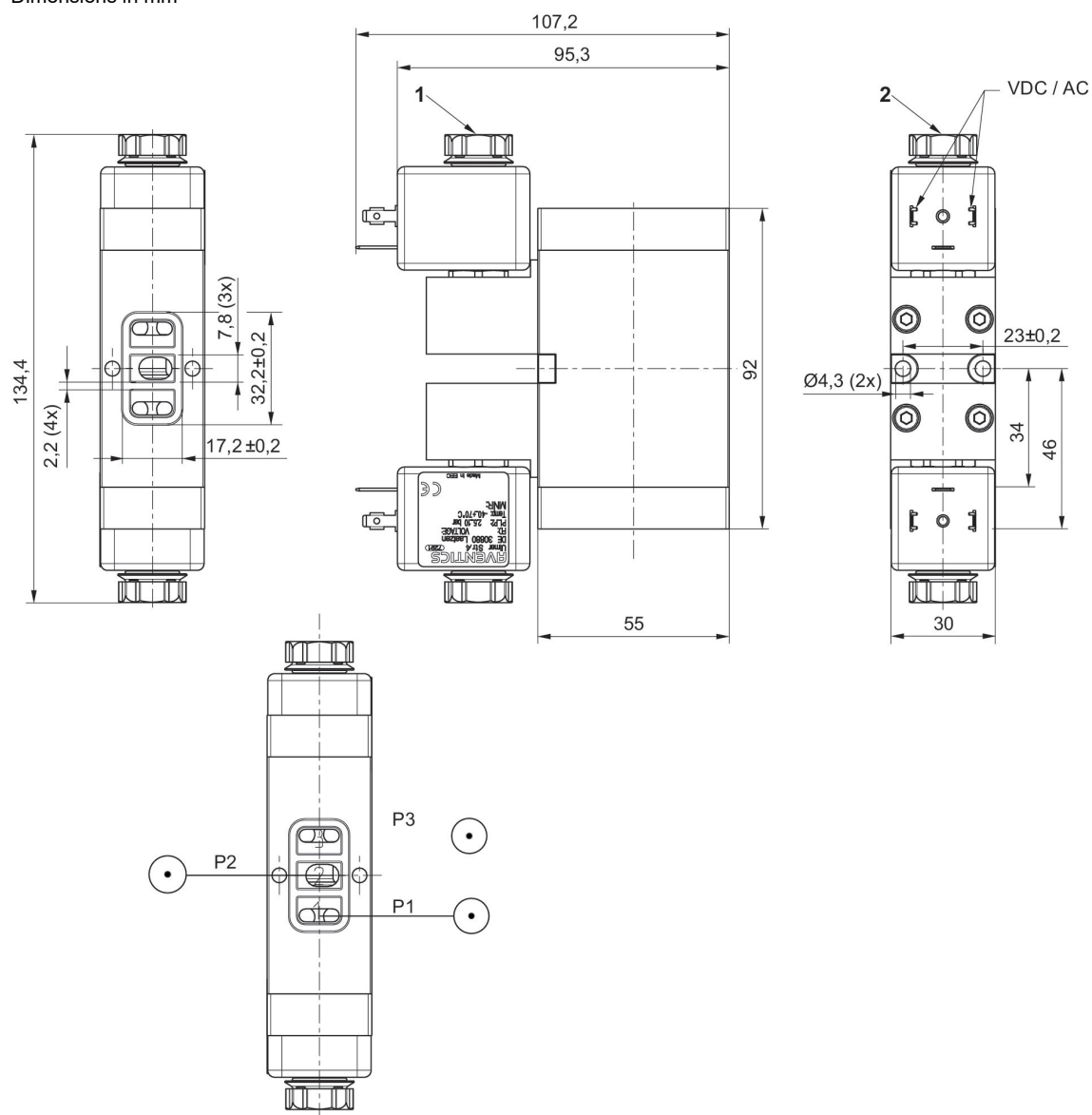
3/2-directional valve, Series CD07-LT, double solenoid, flange, -40 °C cold-resistant, internal

Flow: 1000 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1000 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: flange
Compressed air connection output: flange
Compressed air connection, exhaust: flange
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	flange	NC	Internal	with detent	-40	70	R414012265
	110 V DC	flange	NC	Internal	with detent	-40	70	R414012266
	24 V DC	flange	NC	Internal	without	-40	70	R414012257
	110 V DC	flange	NC	Internal	without	-40	70	R414012258

Dimensions in mm



1) Silencer

2) Valve plug connector form A, EN 175301-803

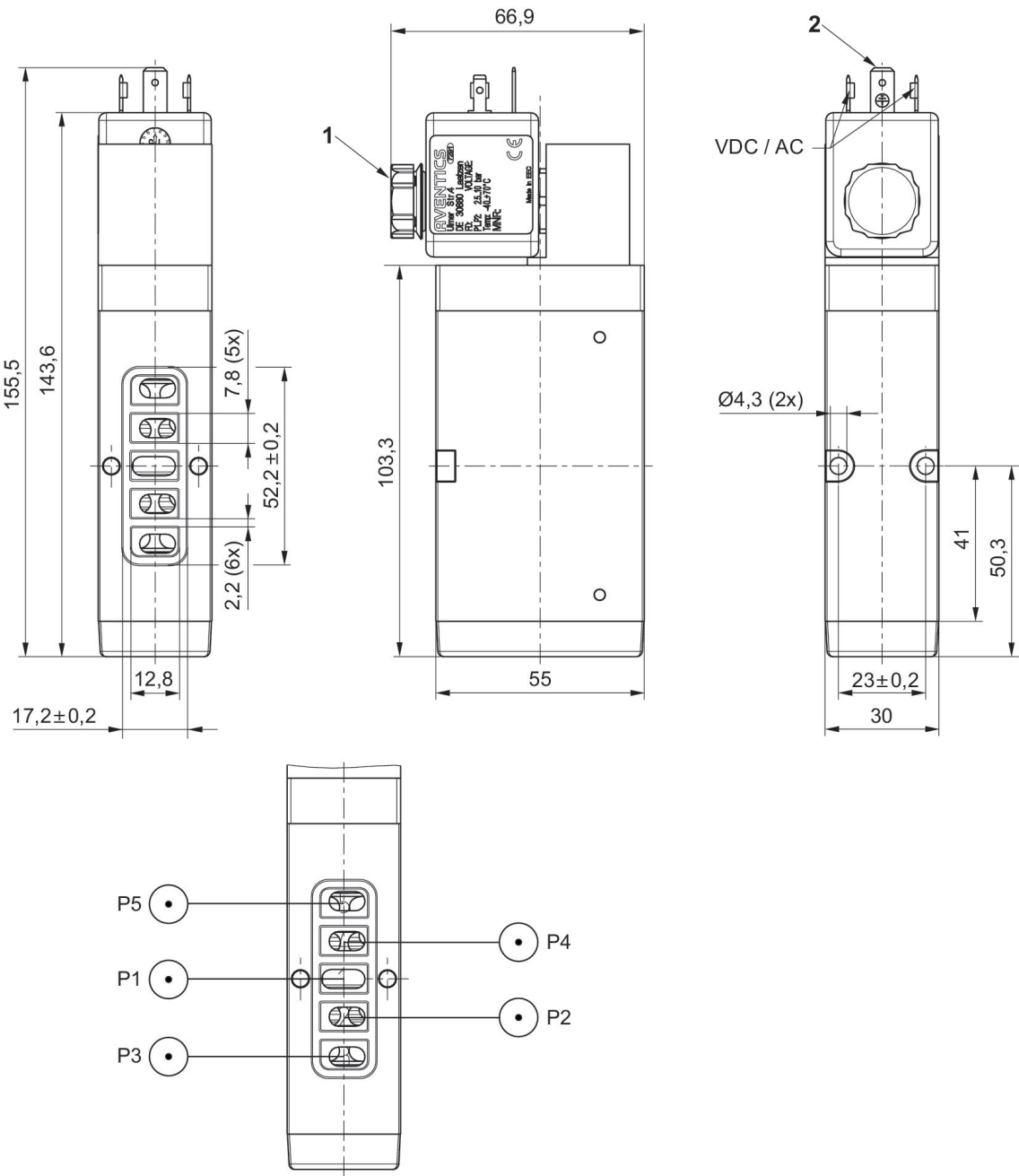
5/2-directional valve, Series CD07-LT, single solenoid, flange, -40 °C cold-resistant, internal

Flow: 1000 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1000 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: flange
Compressed air connection output: flange
Compressed air connection, exhaust: flange
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	flange	NC	Internal	with detent	-40	70	R414012245
	110 V DC	flange	NC	Internal	with detent	-40	70	R414012246
	24 V DC	flange	NC	Internal	without	-40	70	R414011878
	110 V DC	flange	NC	Internal	without	-40	70	R414011879

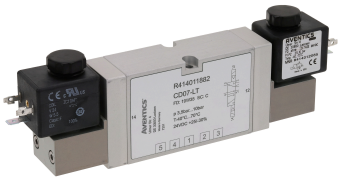
Dimensions in mm



- 1) Silencer
- 2) Valve plug connector form A, EN 175301-803

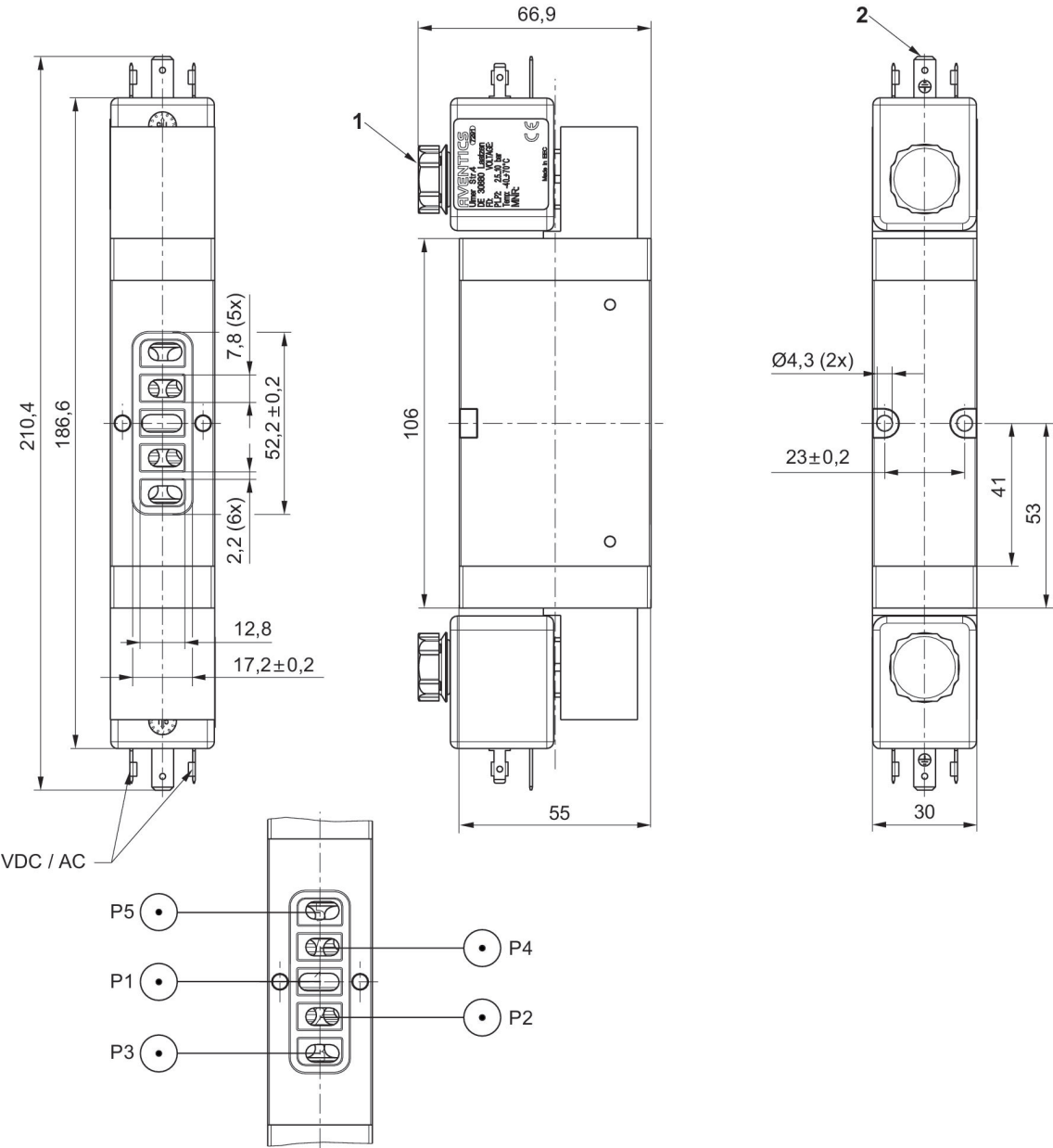
5/2-directional valve, Series CD07-LT, double solenoid, flange, -40 °C cold-resistant, internal, on the side

Flow: 1000 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1000 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: flange
Compressed air connection output: flange
Compressed air connection, exhaust: flange
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	flange	NC	Internal	without	-40	70	R414011882
	110 V DC	flange	NC	Internal	without	-40	70	R414011883
	24 V DC	flange	NC	Internal	with detent	-40	70	R414012249
	110 V DC	flange	NC	Internal	with detent	-40	70	R414012250

Dimensions in mm



- 1) Silencer
- 2) Valve plug connector form A, EN 175301-803

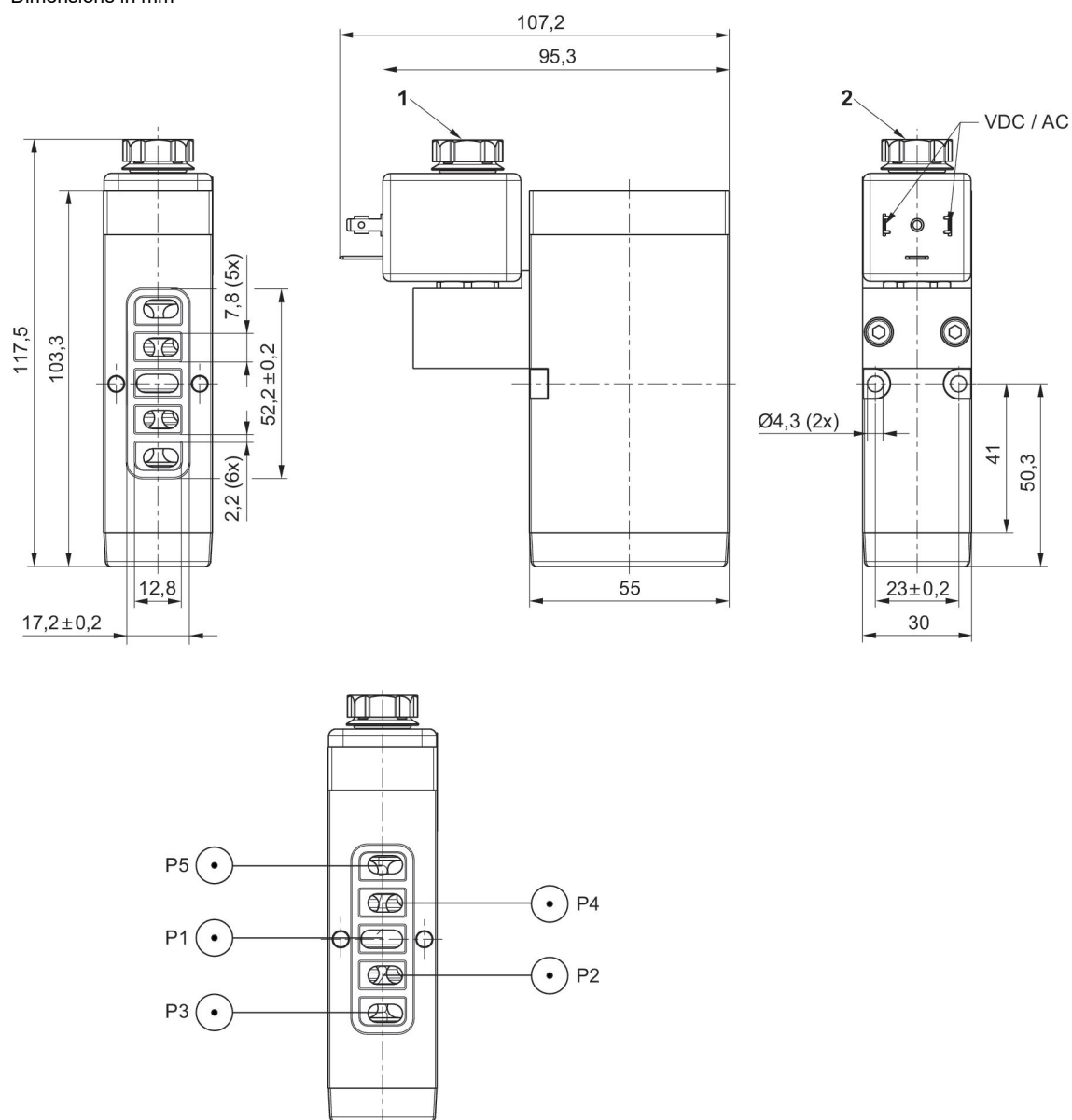
5/2-directional valve, Series CD07-LT, single solenoid, flange, -40 °C cold-resistant, internal, on the top

Flow: 1000 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1000 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: flange
Compressed air connection output: flange
Compressed air connection, exhaust: flange
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	flange	NC	Internal	with detent	-40	70	R414012294
	110 V DC	flange	NC	Internal	with detent	-40	70	R414012295
	24 V DC	flange	NC	Internal	without	-40	70	R414012286
	110 V DC	flange	NC	Internal	without	-40	70	R414012287

Dimensions in mm



1) Silencer

2) Valve plug connector form A, EN 175301-803

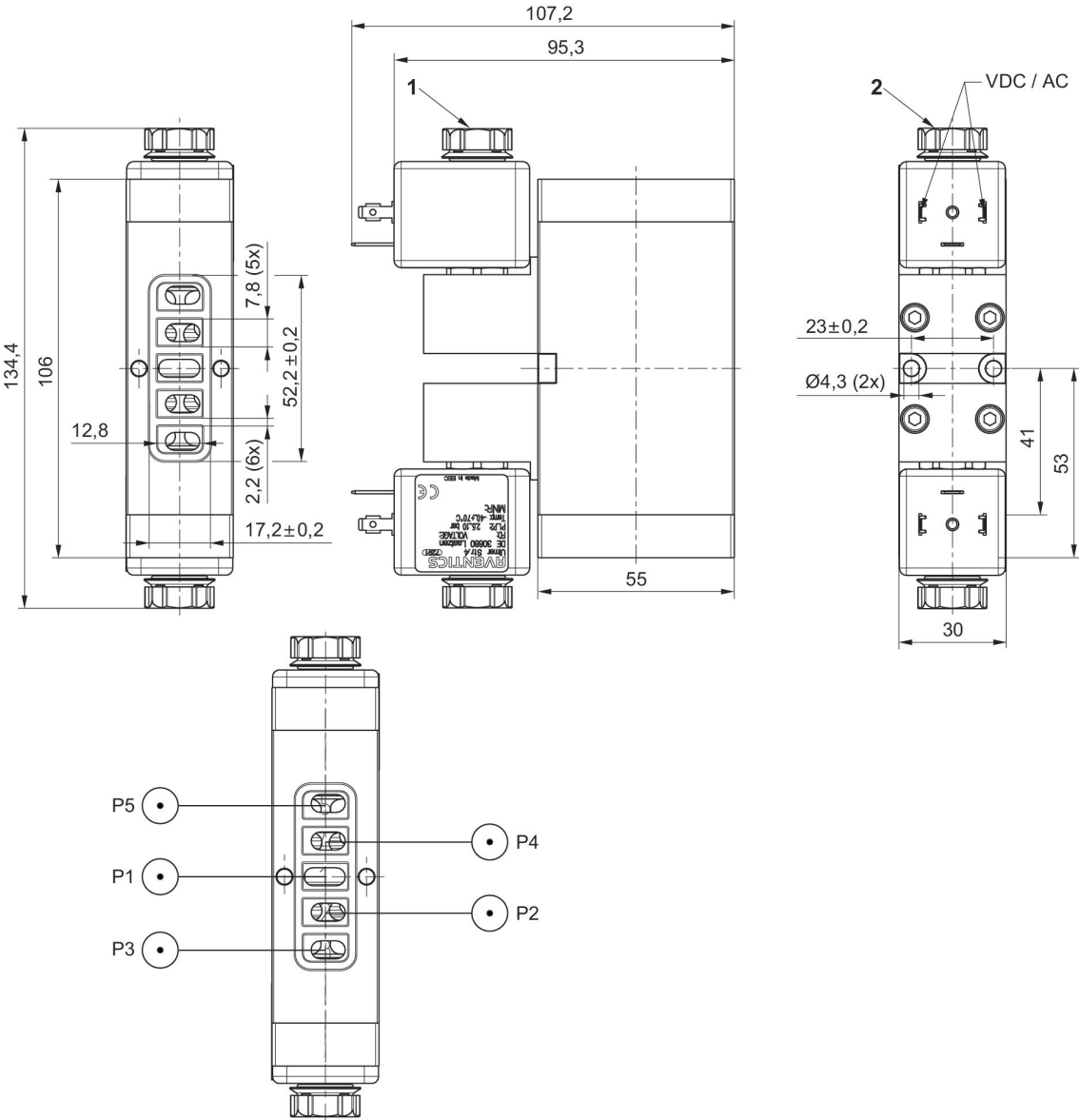
5/2-directional valve, Series CD07-LT, single solenoid, flange, -40 °C cold-resistant, internal, on the top

Flow: 1000 l/min
Activation: Electrically operated
Electrical connection 2, thread size: EN 175301-803, form A
Qn 1 > 2: 1000 l/min
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Electrical connection 2, number of poles: 3-pin
Compressed air connection input: flange
Compressed air connection output: flange
Compressed air connection, exhaust: flange
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 3 bar
Max. working pressure: 10 bar



	Operational voltage	Compressed air connection	Function	Pilot	Manual override	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	24 V DC	flange	NC	Internal	with detent	-40	70	R414012298
	110 V DC	flange	NC	Internal	with detent	-40	70	R414012299
	24 V DC	flange	NC	Internal	without	-40	70	R414012290
	110 V DC	flange	NC	Internal	without	-40	70	R414012291

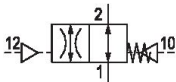
Dimensions in mm



- 1) Silencer
- 2) Valve plug connector form A, EN 175301-803

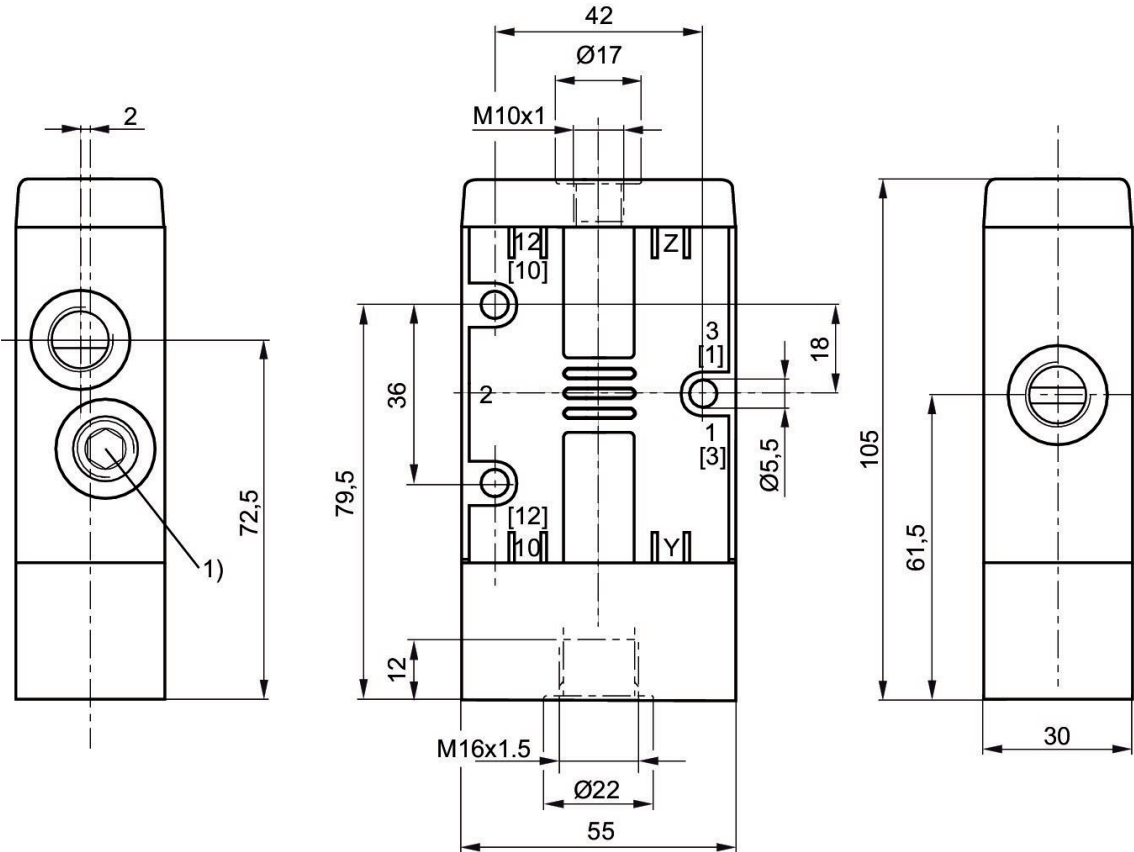
2/2-directional valve, Series CD07, single/double solenoid, M14x1,5, -25 °C cold-resistant

Flow: 1400 l/min
Activation: Pneumatically operated
Qn 1 > 2: 1400 l/min
Compressed air connection type: Internal thread
Temperature resistance: -25 °C cold-resistant
Certificates: Suitable for ATEX
Compressed air connection input: M14x1,5
Compressed air connection output: M14x1,5
Min. control pressure: 2.5 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



Compressed air connection	Function	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
M14x1,5	NO	Suitable for ATEX	-25	80	5710409000

Dimensions in mm



1) Blanking screw

Max. working pressure: 10 bar

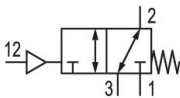


	Compressed air con- nection	Function	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
	M14x1,5	NC/NO	Suitable for ATEX	-25	80	5710400000
	G 1/4	NC/NO	Suitable for ATEX	-25	80	5710400100
	M14x1,5	NC/NO	Suitable for ATEX	-25	80	5710401000
	G 1/4	NC/NO	Suitable for ATEX	-25	80	5710401100

[illegible]

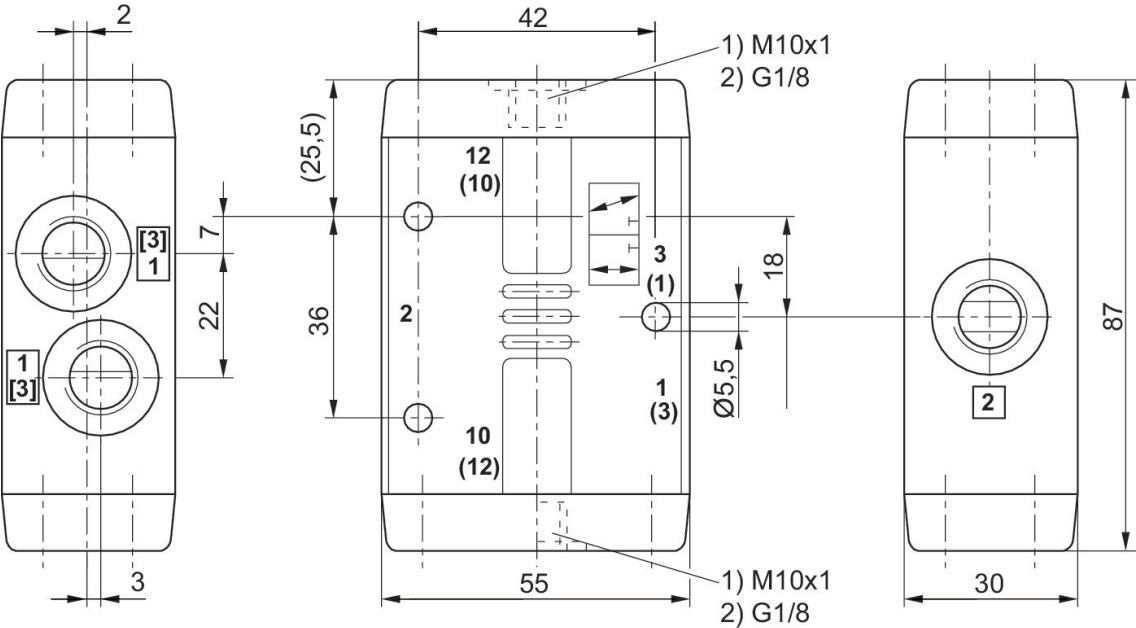
3/2-directional valve, Series CD07, single/double solenoid, M14x1,5, -35 °C cold-resistant

Flow: 1400 l/min
Activation: Pneumatically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Min. control pressure: 4 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



Compressed air connection	Function	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
M14x1,5	NC/NO	Suitable for ATEX	-35	80	5710400090

Dimensions in mm



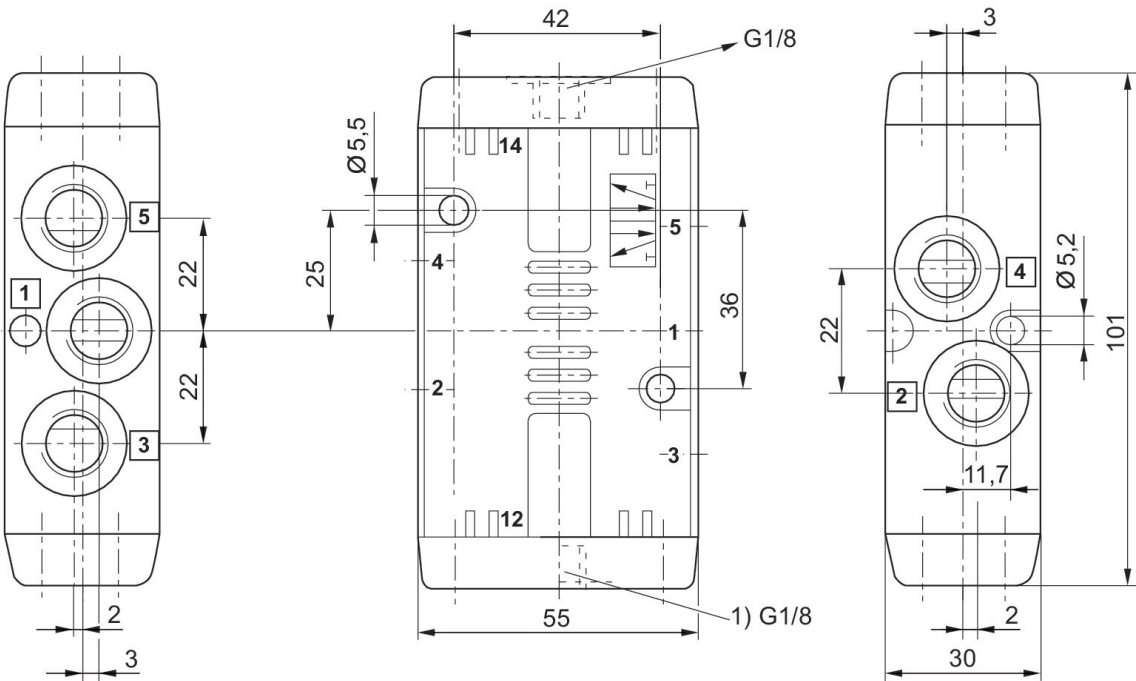
5/2-directional valve, Series CD07, single or double Solenoid, G1/4, M14x1,5, -25 °C cold-resistant

Flow: 1200 l/min
Activation: Pneumatically operated
Compressed air connection type: Internal thread
Temperature resistance: -25 °C cold-resistant
Certificates: Suitable for ATEX
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Compressed air con- nection	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
	M14x1,5	Suitable for ATEX	-25	80	5710500000
	M14x1,5	Suitable for ATEX	-25	80	5710509300
	G 1/4	Suitable for ATEX	-25	80	5710500100
	M14x1,5	Suitable for ATEX	-25	80	5710501000
	G 1/4	Suitable for ATEX	-25	80	5710501100

Dimensions in mm



1) Part No.: 5710501100
5710509300: Protected against dust

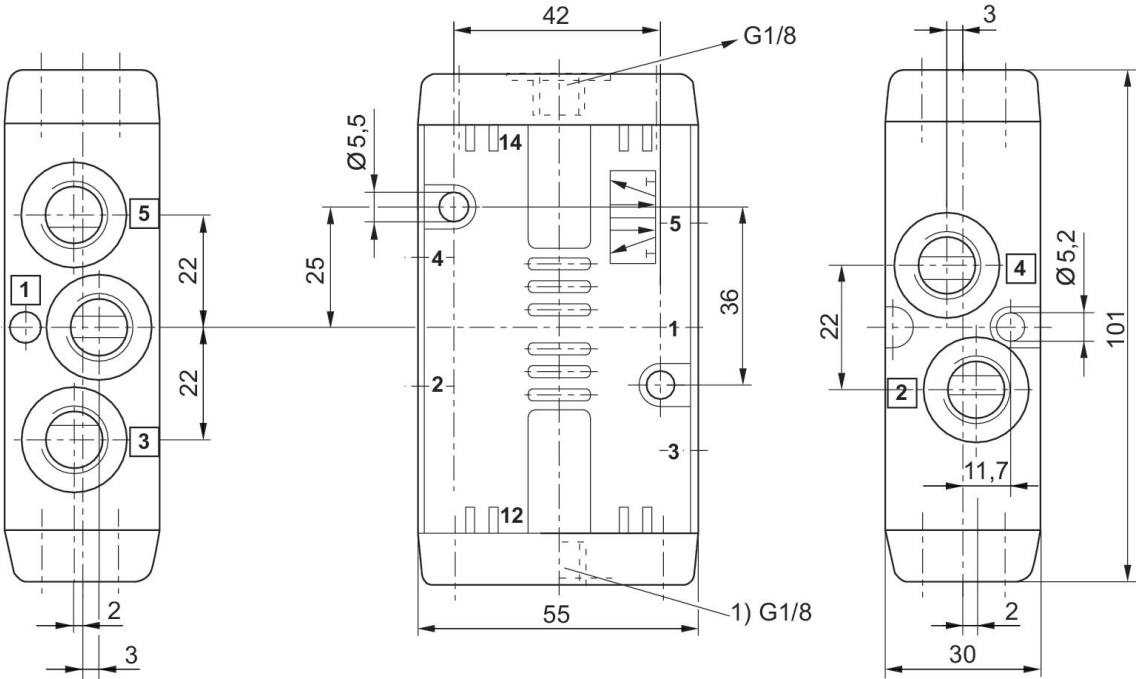
5/2-directional valve, Series CD07, single or double Solenoid, G1/4, M14x1,5, -40 °C cold-resistant

Flow: 1200 l/min
Activation: Pneumatically operated
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Compressed air connection	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	G 1/4	Suitable for ATEX	-40	70	5710500190
	G 1/4	Suitable for ATEX	-40	70	5710501190

Dimensions in mm



1) Part No.: 5710501190

Flow: 900 l/min
Activation: Pneumatically operated
Compressed air connection type: Internal thread
Temperature resistance: -25 °C cold-resistant
Certificates: Suitable for ATEX
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Compressed air connection	Function	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	M14x1,5	Pressurized Center	Suitable for ATEX	-25	80	R412008118
	G 1/4	Pressurized Center	Suitable for ATEX	-25	80	5710502100
	G 1/4	Exhausted Center	Suitable for ATEX	-25	80	5710502110
	G 1/4	Closed Center	Suitable for ATEX	-25	80	5710502120

Technical drawing of a three-phase motor, showing three views: front, top, and side. The drawing includes dimensions and labels for various components.

Front View (Left):

- Overall width: 3
- Overall height: 22
- Mounting feet: 1, 2, 3
- Terminal box: 4
- Terminal box mounting: 5
- Terminal box connection: G 1/4

Top View (Middle):

- Overall width: 55
- Overall height: 144
- Mounting feet: 1, 2, 3
- Terminal box: 4
- Terminal box mounting: 5
- Terminal box connection: G 1/8
- Terminal box mounting: Ø 17
- Terminal box mounting: Ø 5,5
- Terminal box mounting: 14
- Terminal box mounting: 12
- Terminal box mounting: 36
- Terminal box mounting: 42
- Terminal box mounting: 25
- Terminal box mounting: (47)

Side View (Right):

- Overall width: 30
- Overall height: 144
- Mounting feet: 1, 2, 3
- Terminal box: 4
- Terminal box mounting: 5
- Terminal box connection: G 1/8
- Terminal box mounting: Ø 5,2
- Terminal box mounting: 11,7
- Terminal box mounting: 2
- Terminal box mounting: 22

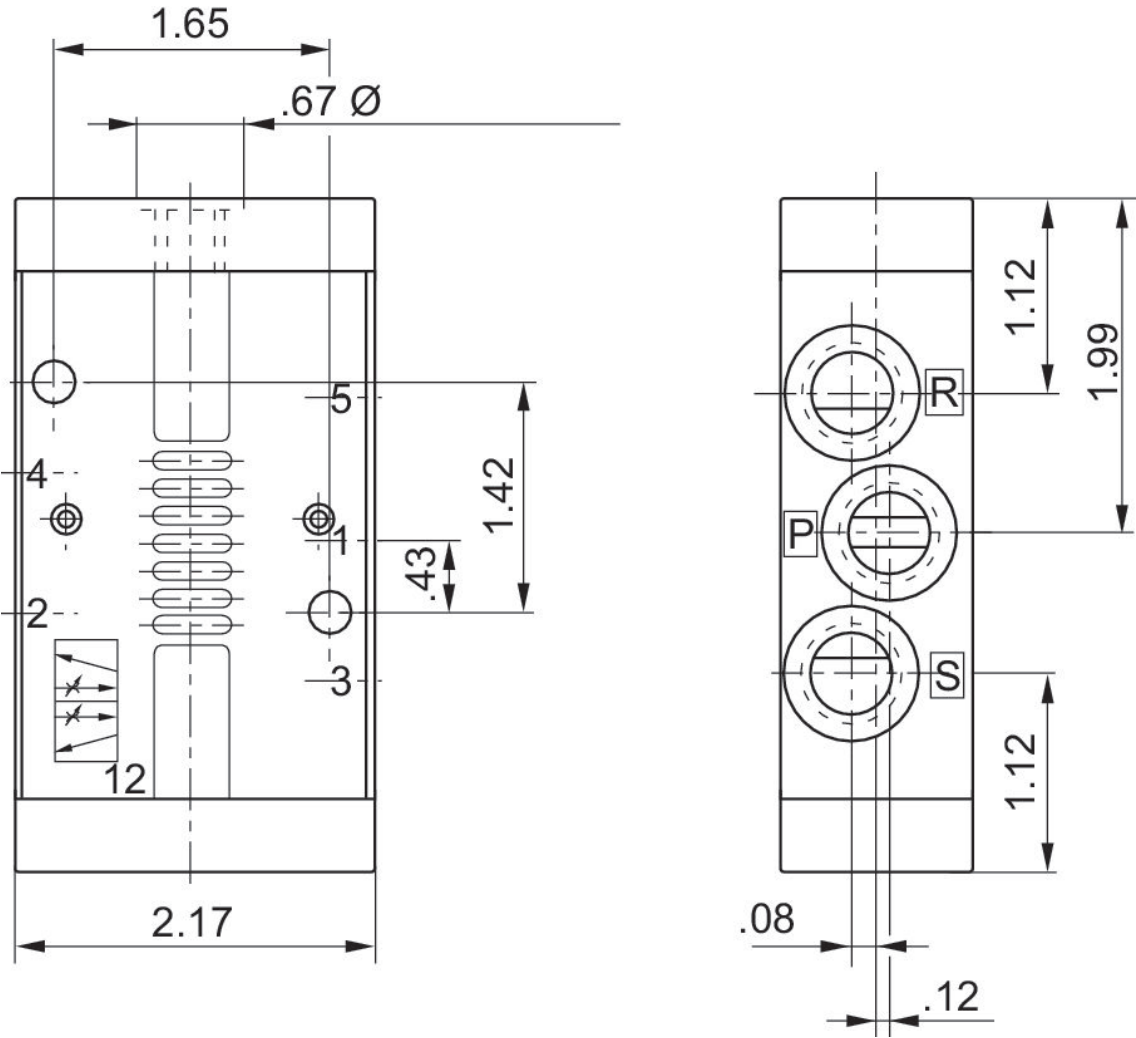
5/2-directional valve, Series CD07, single solenoid, G1/4, -30 °C cold-resistant

Flow: 1200 l/min
Activation: Pneumatically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -30 °C cold-resistant
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -30 °C
Max. ambient temperature: 80 °C
Max. working pressure: 10 bar



	Compressed air con- nection	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
	1/4 NPT	-30	80	R432016611

Dimensions in inches



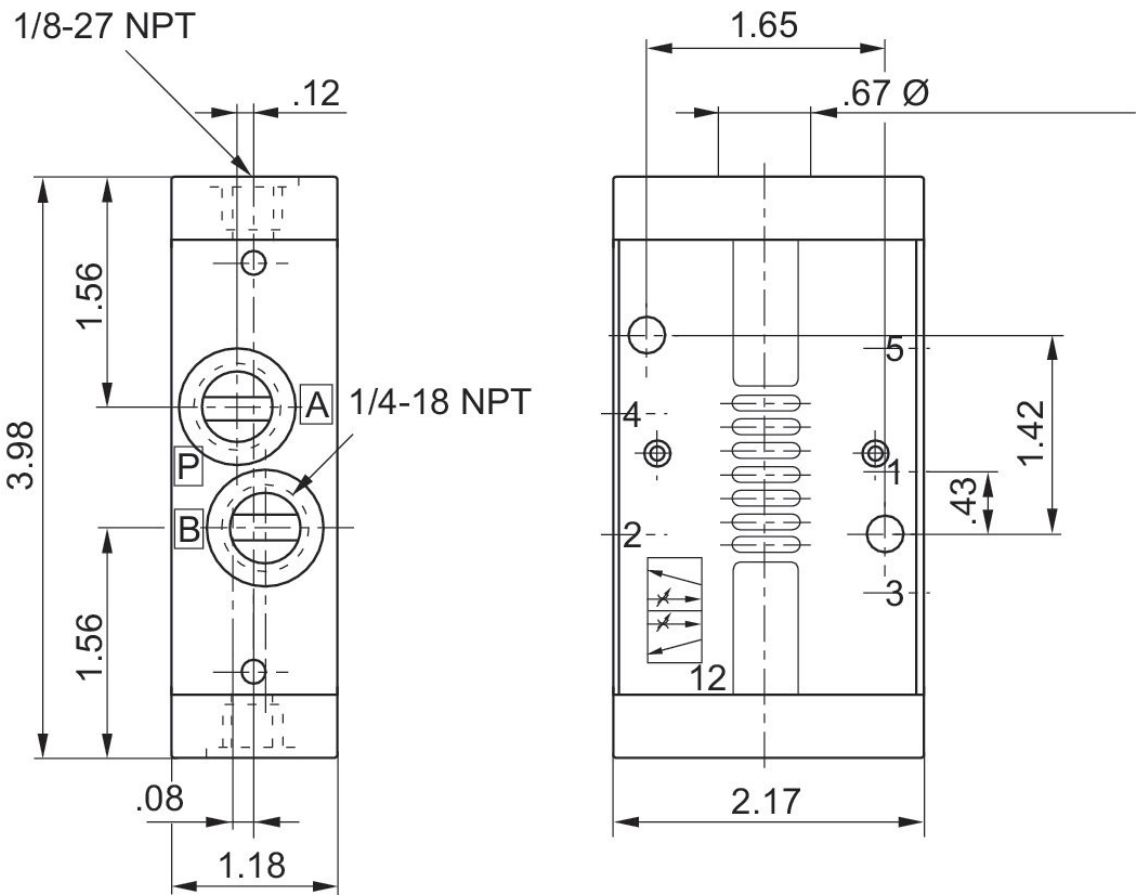
5/2-directional valve, Series CD07, double solenoid, G1/4, -30 °C cold-resistant

Flow: 1200 l/min
Activation: Pneumatically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Temperature resistance: -30 °C cold-resistant
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: 1.5 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -30 °C
Max. ambient temperature: 80 °C
Max. working pressure: 10 bar



	Compressed air connection	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	1/4 NPT	-30	80	R432016610

Dimensions in inches



3/2-directional valve, Series CD07, Plunger

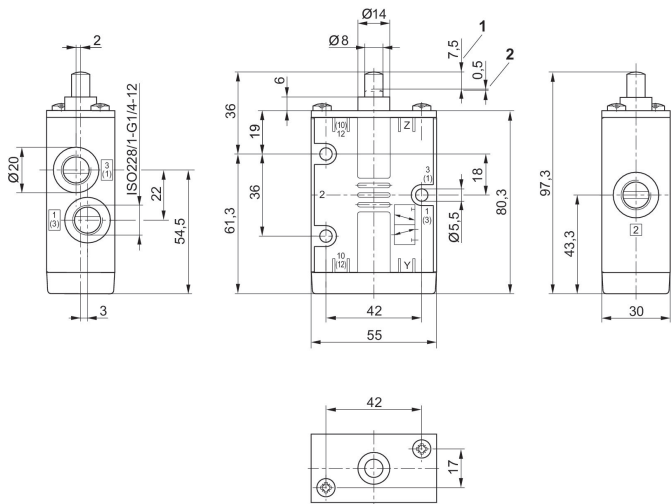
Flow: 1400 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actuating force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	70	NC/NO	Suitable for ATEX	-25	80	5634400000
	70	NC/NO	Suitable for ATEX	-25	80	5634400100
	40	NC/NO	Suitable for ATEX	-25	80	5634409010

5634400000, 5634400100

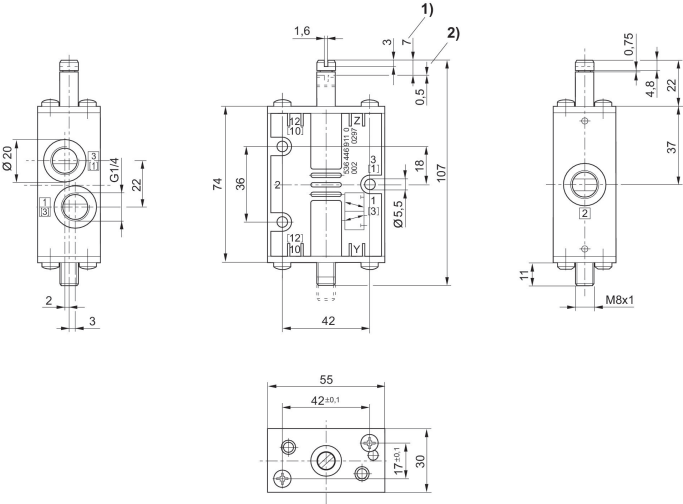
Dimensions in mm (Basic valve)



1) Stroke
2) Overstroke

5634409010

Dimensions in mm (Basic valve)



1) Stroke
2) Overstroke

3/2-directional valve, Series CD07, Roller

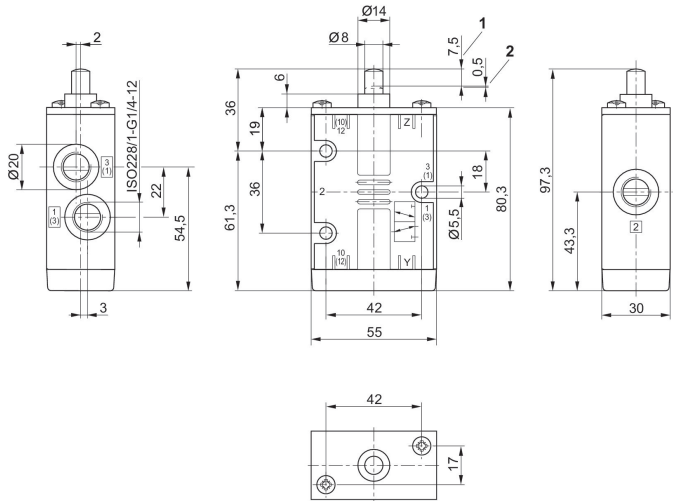
Flow: 1400 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actuating force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	40	NC/NO	Suitable for ATEX	-25	80	5634410100
	40	NC/NO	Suitable for ATEX	-25	80	5634410000
	40	NC/NO	Suitable for ATEX	-25	80	5634411100

5634410100, 5634410000

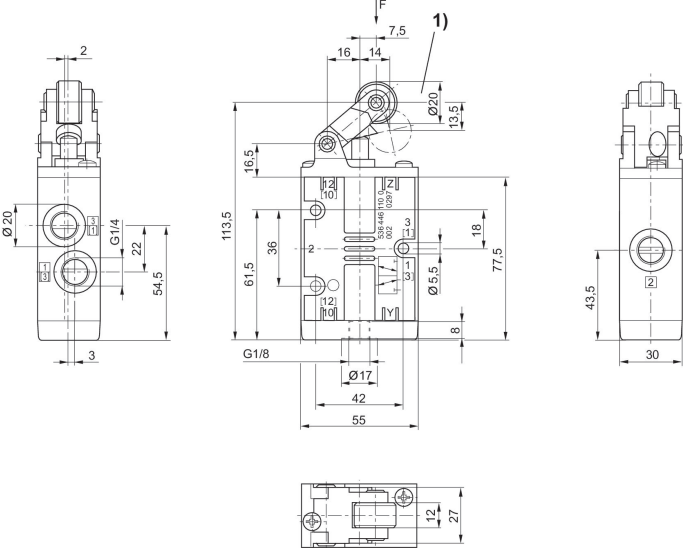
Dimensions in mm (Basic valve)



- 1) Stroke
2) Overstroke

5634411100

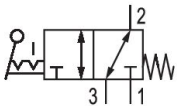
Dimensions in mm (Basic valve)



- 1) approach angle of rollers max. 30°

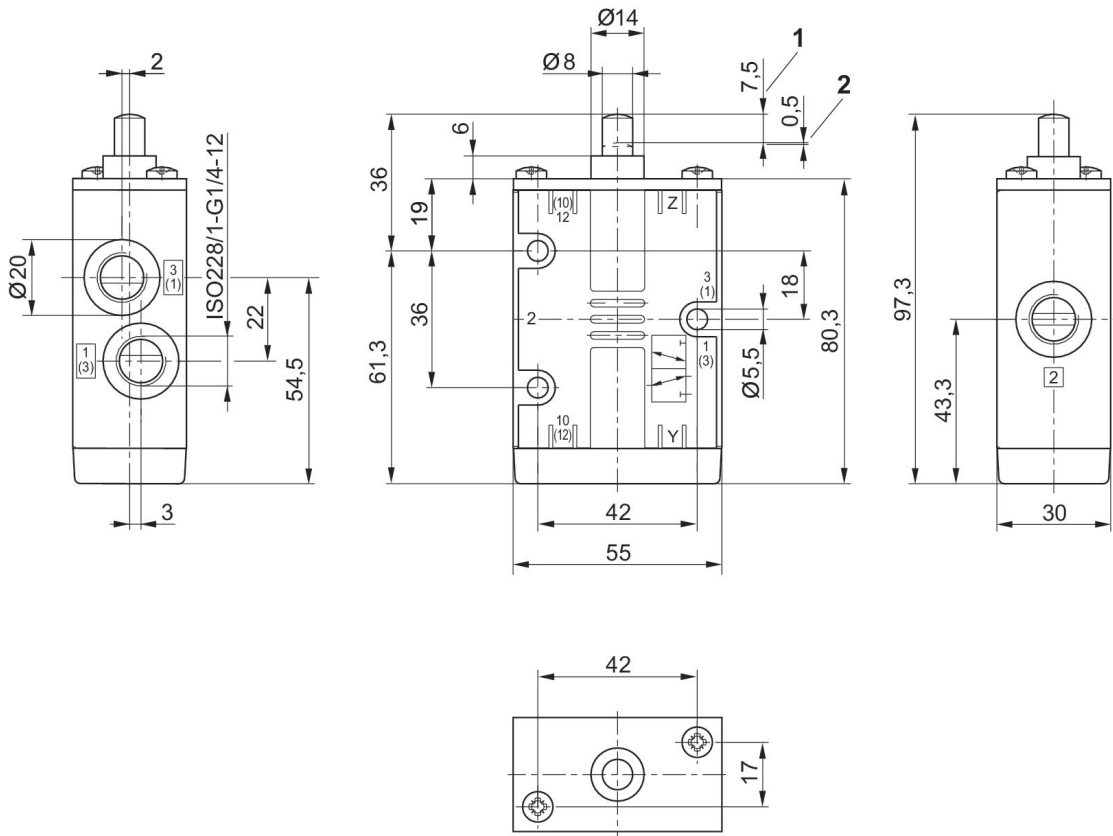
3/2-directional valve, Series CD07, Hand lever, with detent, without detent

Flow: 1400 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



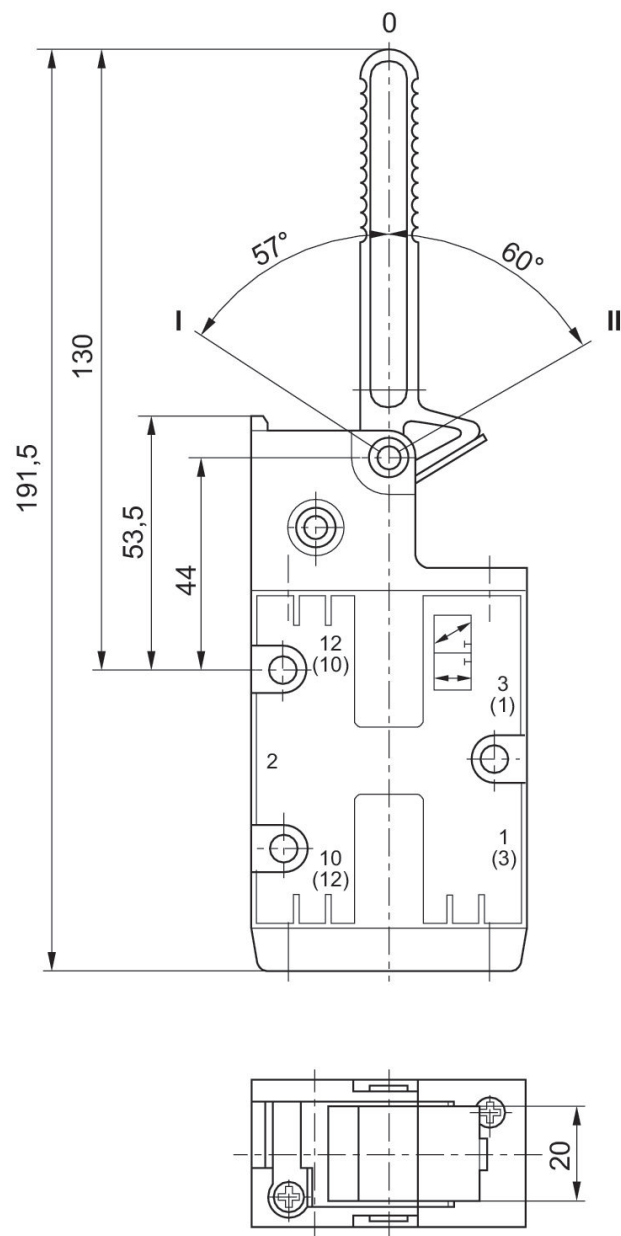
Min. actu- ating force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
20	NC/NO	Suitable for ATEX	-25	80	5634430100

Dimensions in mm (Basic valve)



1) Stroke
2) Overstroke

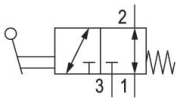
Dimensions in mm



Position 0: initial position, position I: with detent, manual return, position II: automatic spring return

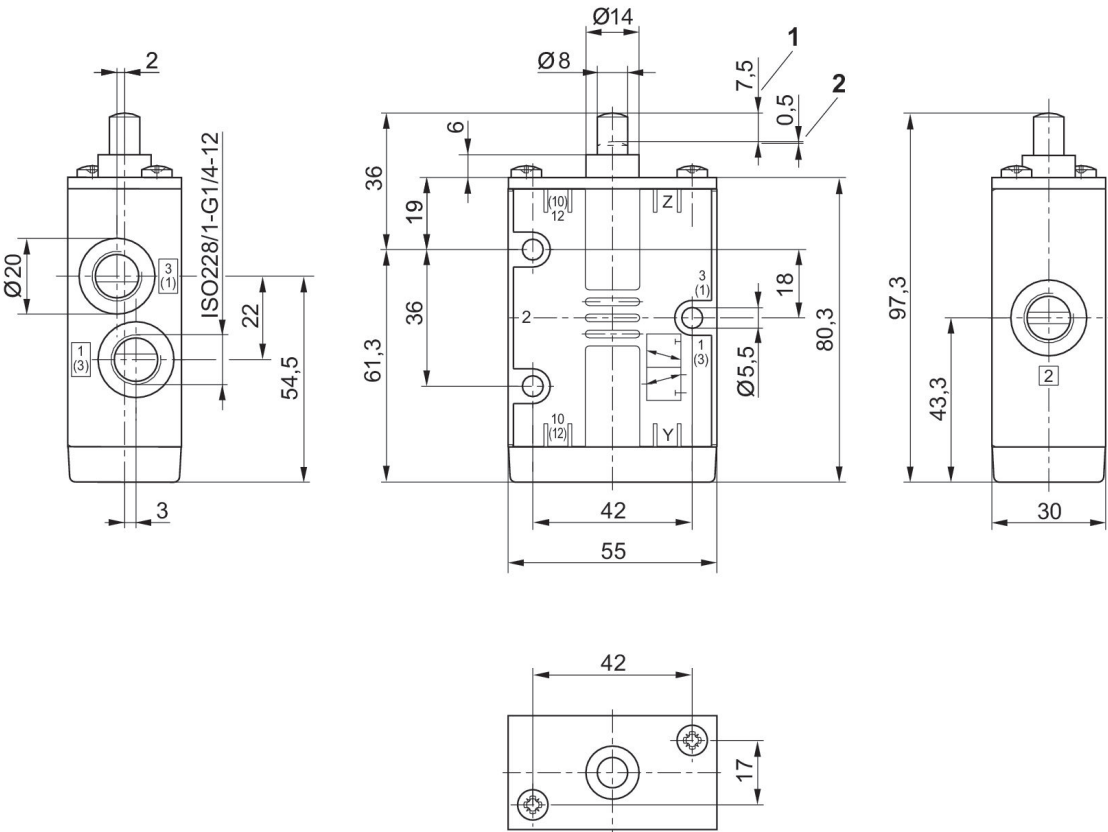
3/2-directional valve, Series CD07, Hand lever

Flow: 1400 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



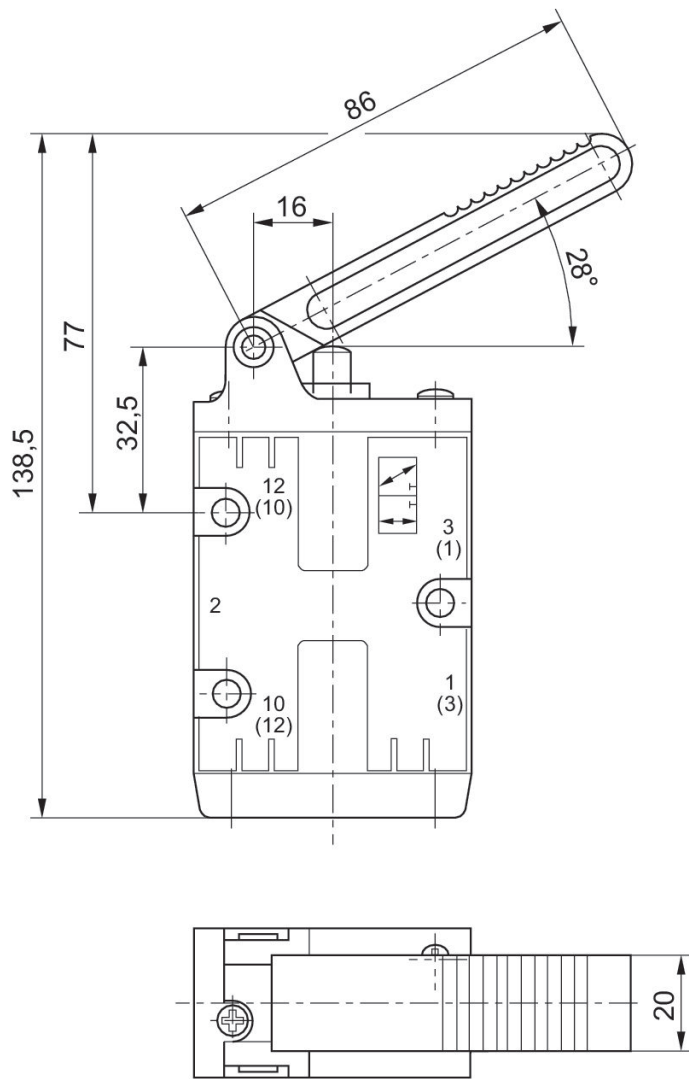
Min. actu- ating force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
15	NC/NO	Suitable for ATEX	-25	80	5634440100

Dimensions in mm (Basic valve)



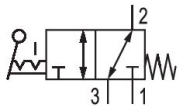
1) Stroke
2) Overstroke

Dimensions in mm



3/2-directional valve, Series CD07, Lever, horizontal, with detent

Flow: 1400 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



Min. actuat- ing force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
15	NC/NO	Suitable for ATEX	-25	80	5634450100

3/2-directional valve, Series CD07, Button

Flow: 1400 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actu- ating force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
	70	NC/NO	Suitable for ATEX	-25	80	5634460100
	70	NC/NO	Suitable for ATEX	-25	80	5634460000
	40	NC/NO	Suitable for ATEX	-25	80	5634461100
	40	NC/NO	Suitable for ATEX	-25	80	5634461000
	40	NC/NO	Suitable for ATEX	-25	80	5634469110

Technical drawing of a 2/2-way solenoid valve, model 2200, showing front, side, and top views with dimensions in mm.

Front View (Left): Shows the valve body with two ports. The top port has a diameter of $\varnothing 20$ and a connection size of ISO228/1-G1/4-12. The bottom port has a diameter of $\varnothing 14$. The overall height is 54,5 mm. The distance between the centerlines of the ports is 22 mm. The valve is labeled with '1' and '2' in boxes.

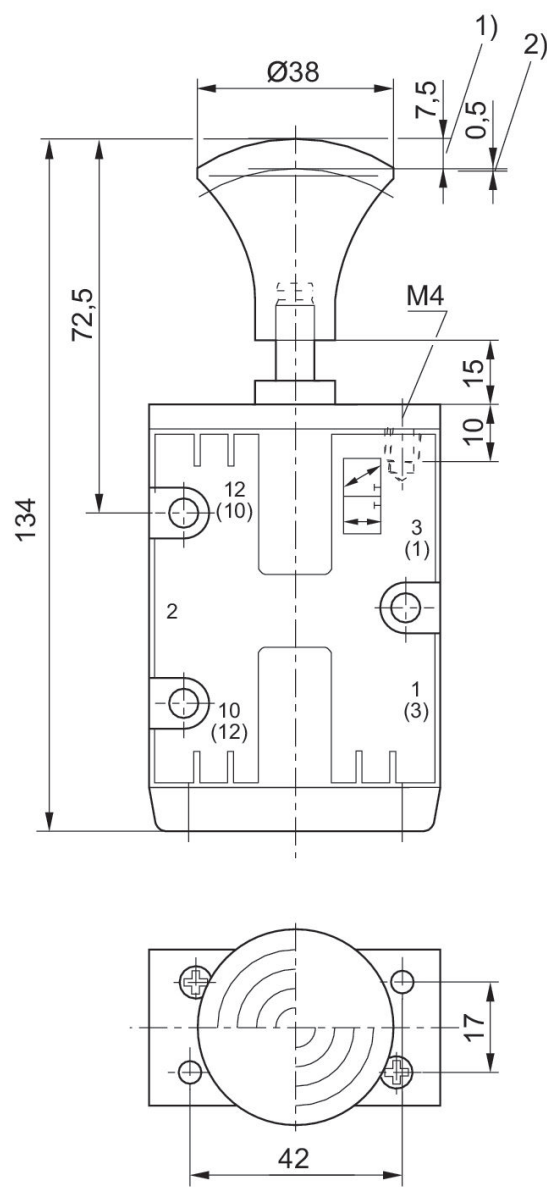
Side View (Top): Shows the valve body with a solenoid coil. The overall height is 61,3 mm. The distance from the top of the valve to the center of the coil is 36 mm. The distance from the center of the coil to the bottom of the valve is 19 mm. The overall width is 55 mm. The distance between the centerlines of the ports is 42 mm. The valve is labeled with '1' and '2' in boxes.

Top View (Bottom): Shows the valve body with a solenoid coil. The overall width is 42 mm. The distance from the center of the coil to the bottom of the valve is 17 mm. The valve is labeled with '1' and '2' in boxes.

Side View (Right): Shows the valve body with a solenoid coil. The overall height is 97,3 mm. The distance from the top of the valve to the center of the coil is 43,3 mm. The overall width is 30 mm. The valve is labeled with '2' in a box.

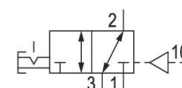
- 1) Stroke
- 2) Overstroke

Dimensions in mm

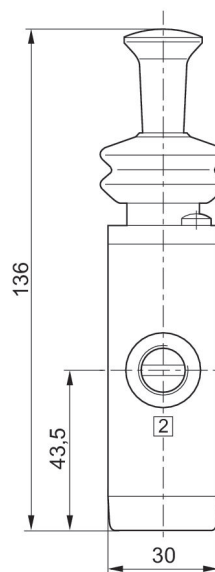
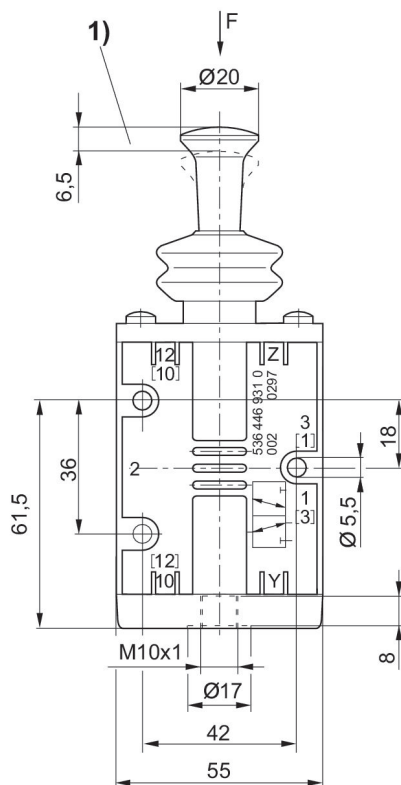


- 1) Stroke
- 2) Overstroke

Flow: 1400 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Min. control pressure: 3 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar

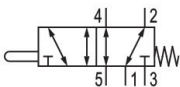


Min. actu- ating force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
40	NC/NO	Suitable for ATEX	-25	80	5634469310

[illegible]

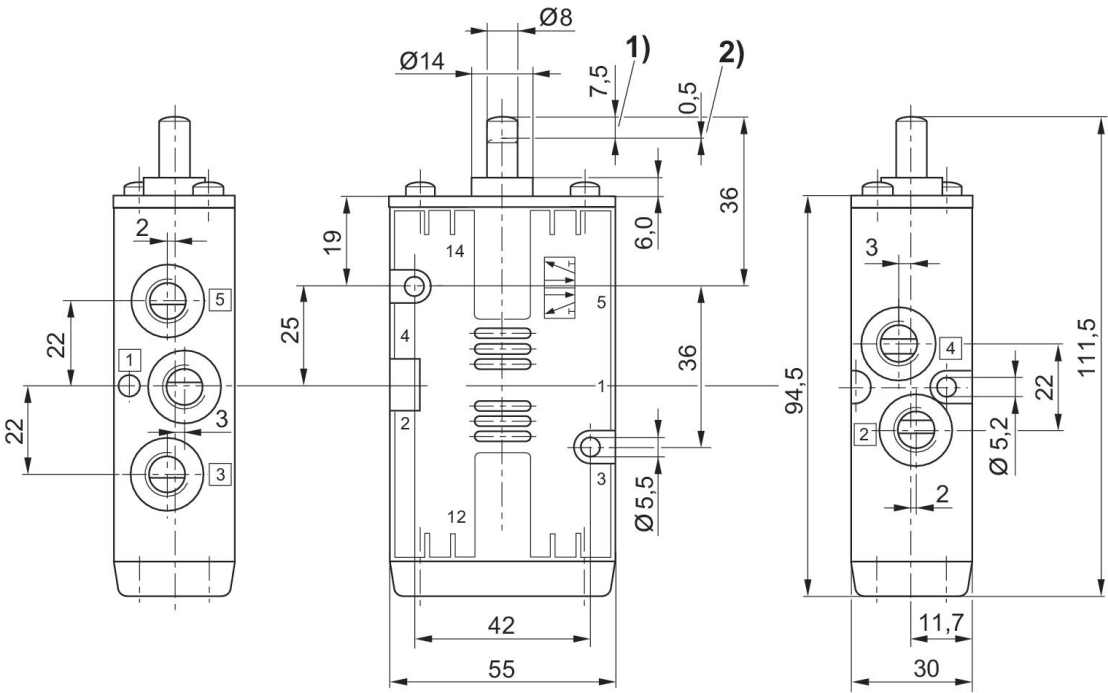
5/2-directional valve, Series CD07, Plunger

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



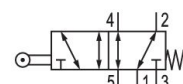
Min. actuating force [N]	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
70	Suitable for ATEX	-25	80	5634600100

Dimensions in mm (Basic valve)



1) Stroke
2) Overstroke

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar

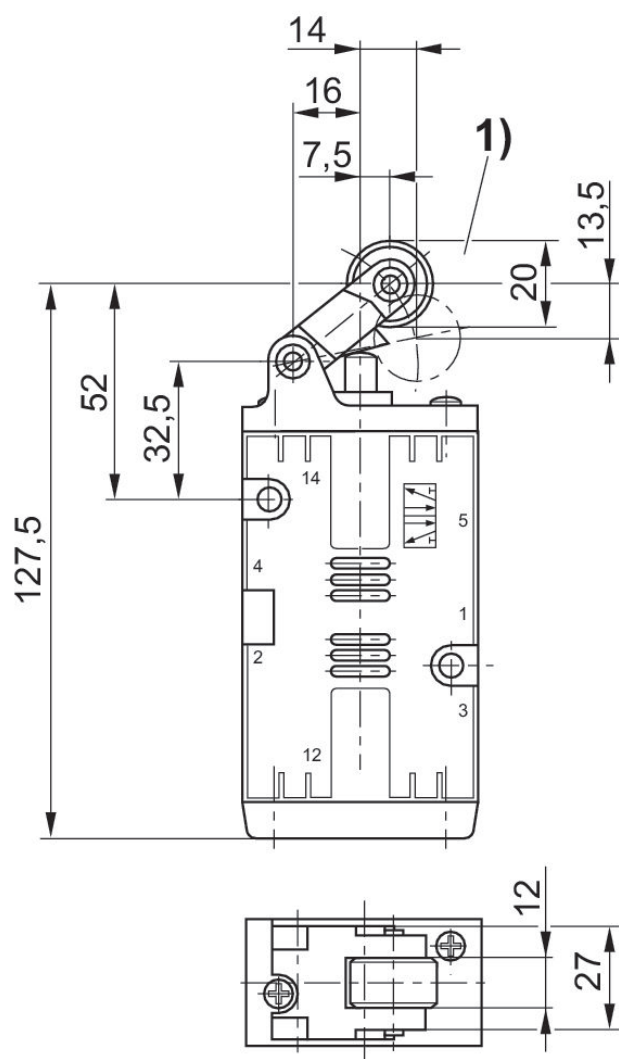


Min. actu- ating force [N]	ATEX	Min. ambient temperature [°C]	Max. ambi- ent tem- perature [°C]	Part No.
40	Suitable for ATEX	-25	80	5634610100

Technical drawing of a three-phase motor with dimensions in mm. The drawing includes three views: front, top, and side. Key dimensions include: front view (width 55, height 111.5, mounting hole Ø14, shaft Ø8), top view (length 94.5, width 30, mounting hole Ø5.2), and side view (height 111.5, width 30, mounting hole Ø5.2). The drawing also shows internal components like stator windings and rotor bars.

- 1) Stroke
- 2) Overstroke

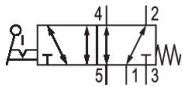
Dimensions in mm



1) approach angle of rollers max. 30°

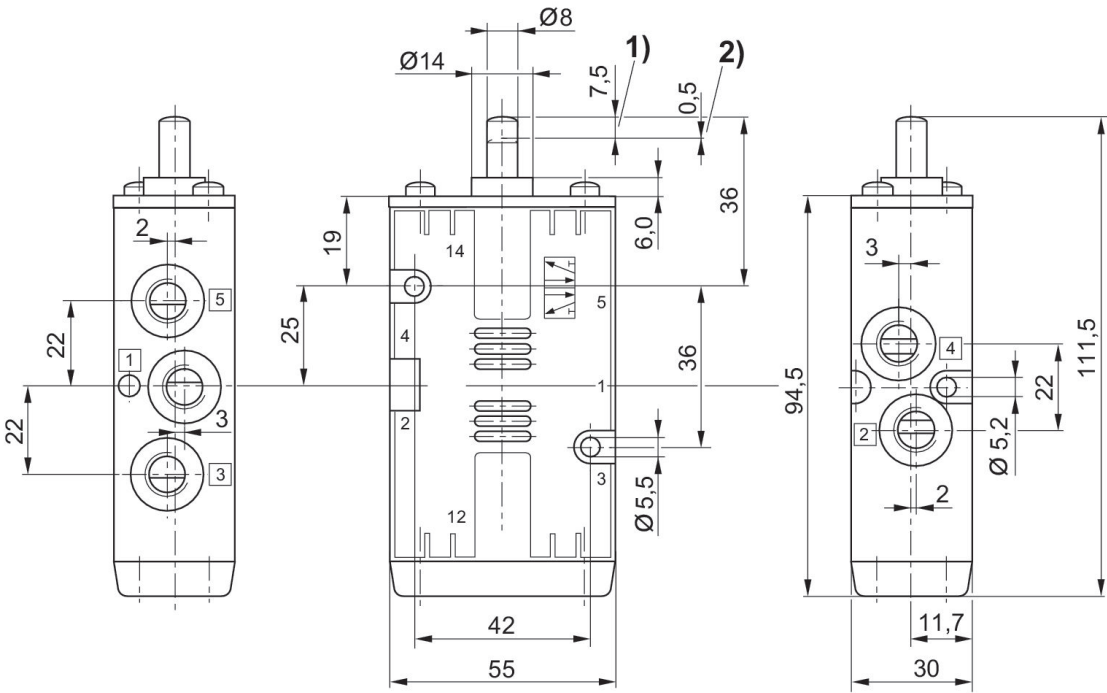
5/2-directional valve, Series CD07, Hand lever, with detent, without detent

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



Min. actuating force [N]	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
20	Suitable for ATEX	-25	80	5634630100

Dimensions in mm (Basic valve)



1) Stroke
2) Overstroke

Technical drawing of a mechanical part, likely a bracket or support, showing a front view and a side view.

Front View Dimensions:

- Total height: 205,5
- Mounting hole spacing: 130
- Internal feature spacing: 53,5 and 44
- Internal features labeled: 1, 2, 3, 4, 5, 12, 14
- Top edge features: 57 and 60

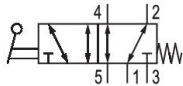
Side View Dimensions:

- Width: 20

AVENTICS

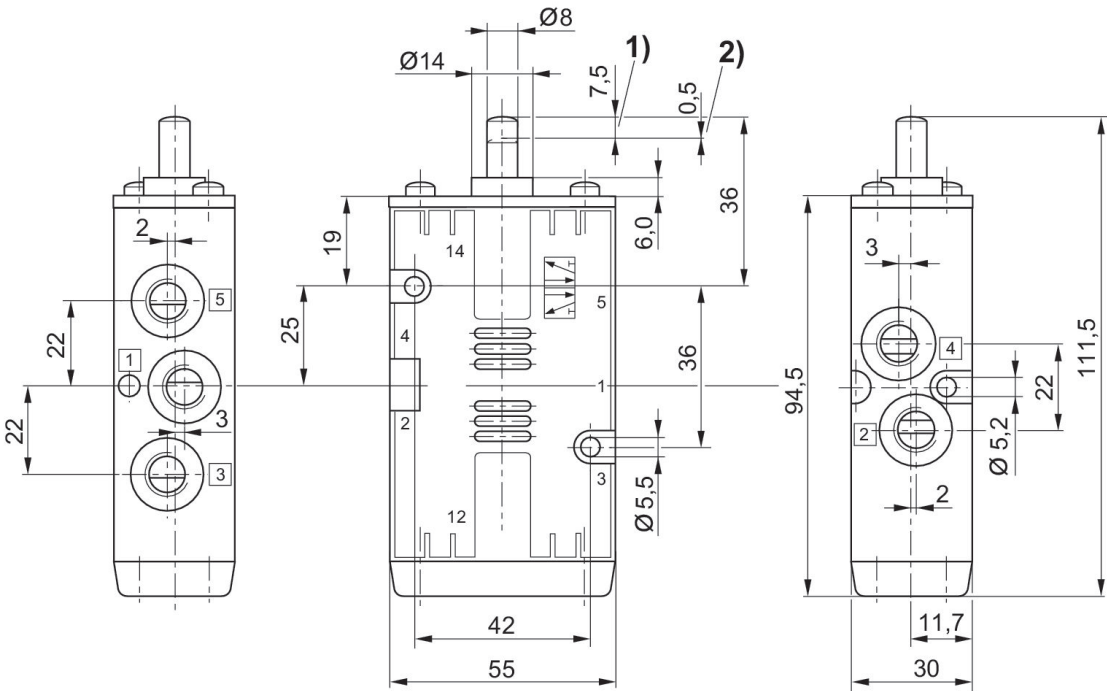
5/2-directional valve, Series CD07, Hand lever

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



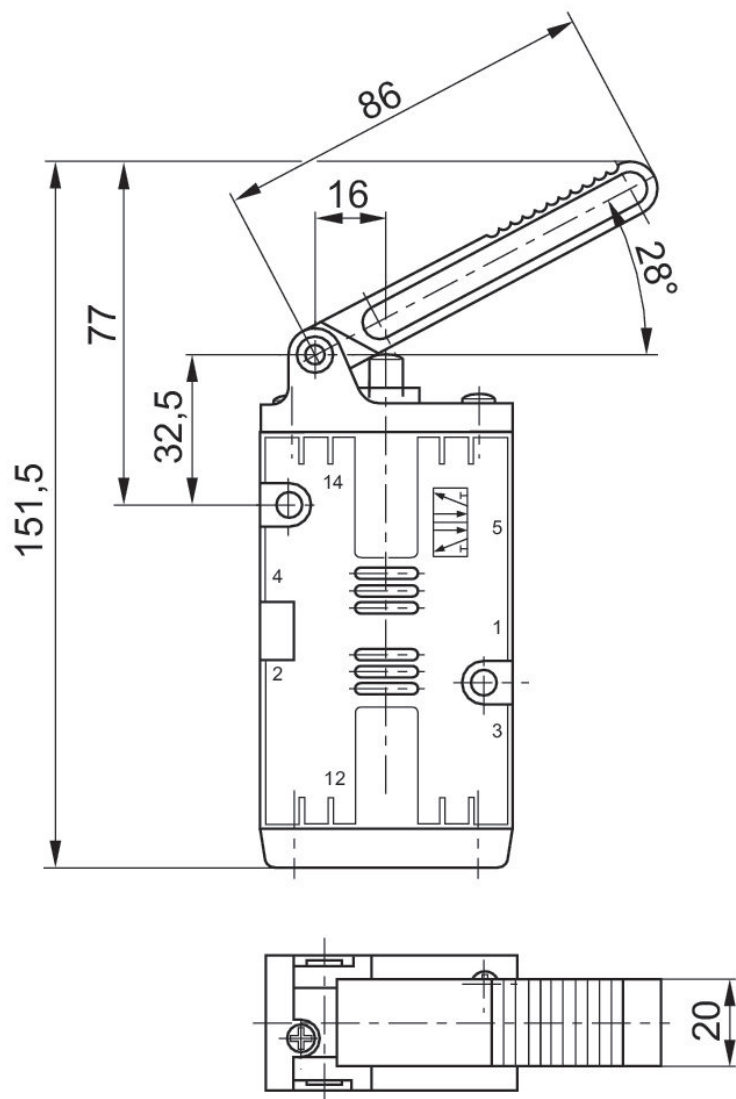
Min. actuating force [N]	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
15	Suitable for ATEX	-25	80	5634640100

Dimensions in mm (Basic valve)

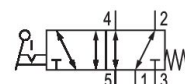


- 1) Stroke
- 2) Overstroke

Dimensions in mm



Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar

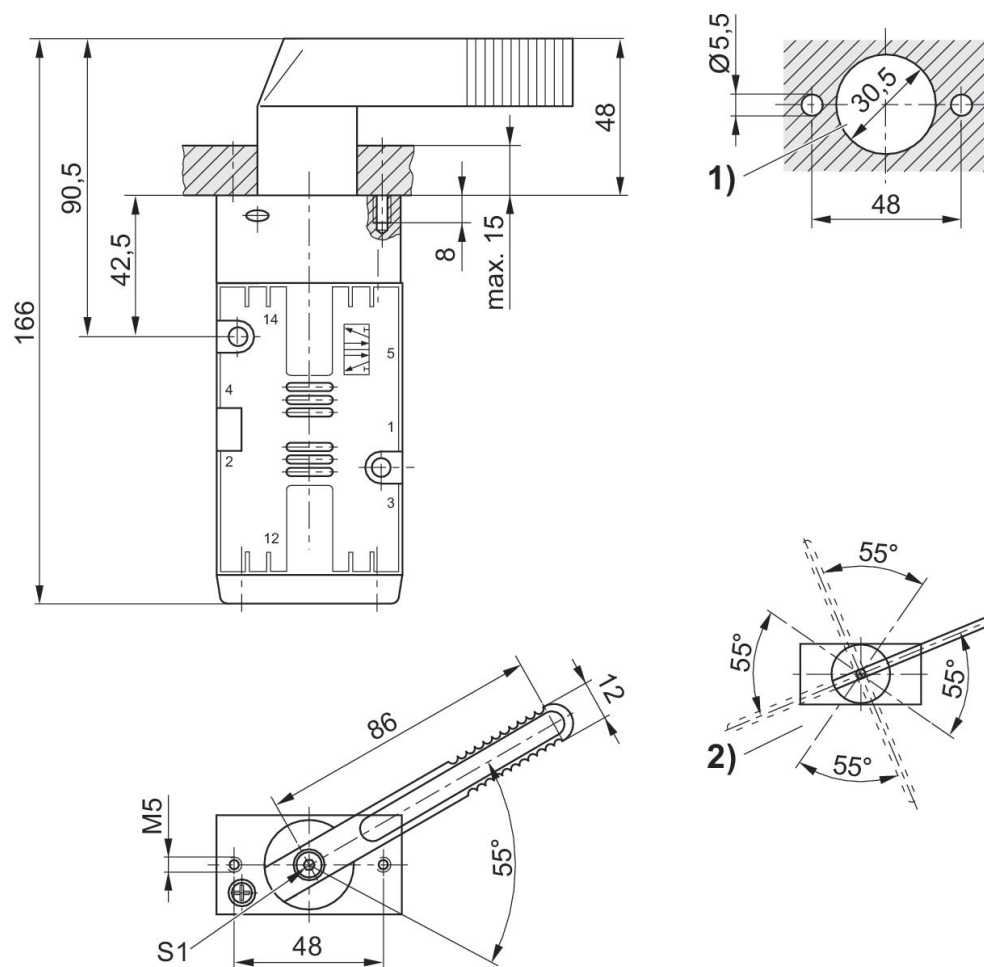


Min. actuating force [N]	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
15	Suitable for ATEX	-25	80	5634650100

[illegible]

- 1) Stroke
- 2) Overstroke

Dimensions in mm



1) Control panel installation (holes in mounting panel).

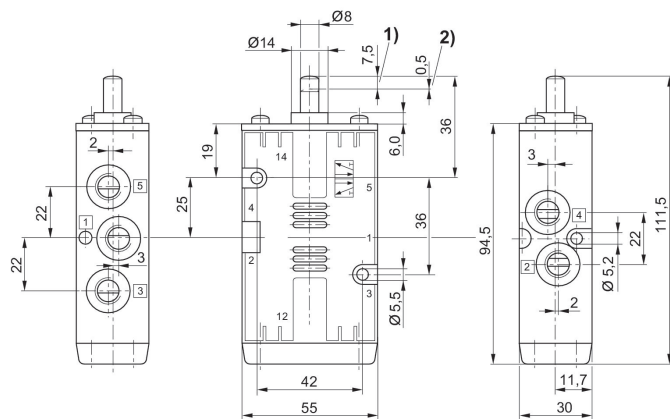
2) Possible lever positions (basic position of hand lever adjustable in 90° steps after loosening screw "S1").

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



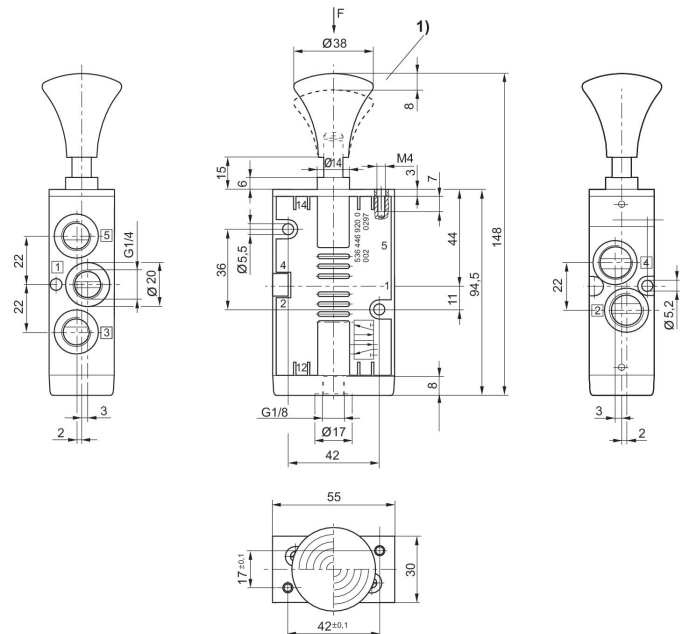
	Min. actuating force [N]	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	70	Suitable for ATEX	-25	80	5634660100
	80	Suitable for ATEX	-25	80	5634669200

Dimensions in mm (Basic valve)



- 1) Stroke
- 2) Overstroke

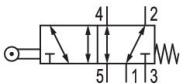
Dimensions in mm



- 1) Stroke

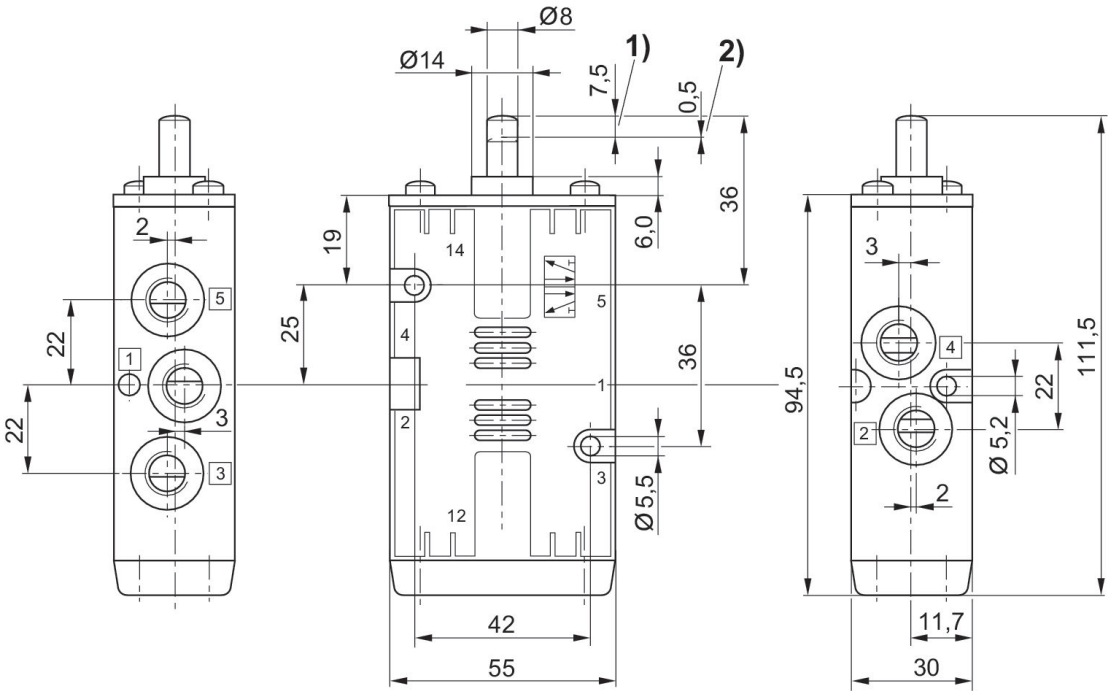
5/2-directional valve, Series CD07, Roller, -40 °C cold-resistant

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Temperature resistance: -30 °C cold-resistant
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



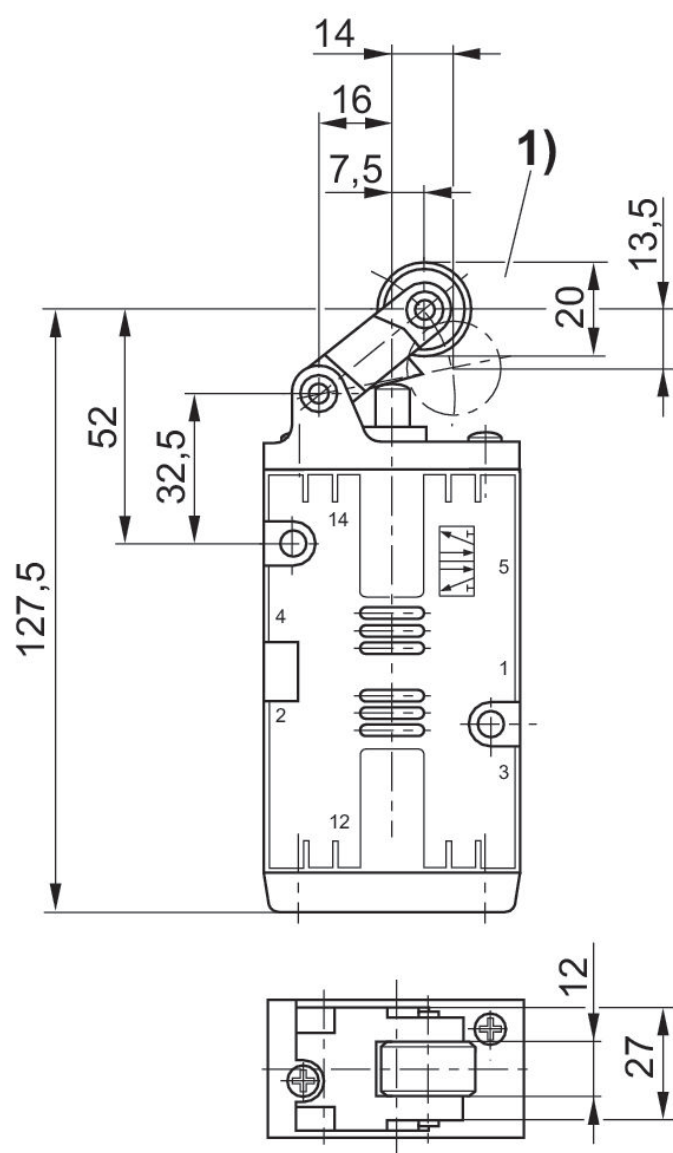
Min. actuating force [N]	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
52	Suitable for ATEX	-40	70	5634610190

Dimensions in mm (Basic valve)



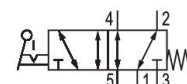
1) Stroke
2) Overstroke

Dimensions in mm



1) approach angle of rollers max. 30°

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Temperature resistance: -30 °C cold-resistant
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



Min. actuating force [N]	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
26	Suitable for ATEX	-40	70	5634630190

Technical drawing of a three-phase transformer, showing three views: front view, top view, and side view. Dimensions are given in mm.

Front View (Left):

- Core width: 42 mm
- Core height: 111.5 mm
- Winding 1 (top): 22 mm diameter, 22 mm height
- Winding 2 (middle): 22 mm diameter, 22 mm height
- Winding 3 (bottom): 22 mm diameter, 22 mm height
- Terminal 4 (top): 2 mm diameter
- Terminal 5 (middle): 2 mm diameter
- Terminal 6 (bottom): 2 mm diameter

Top View (Middle):

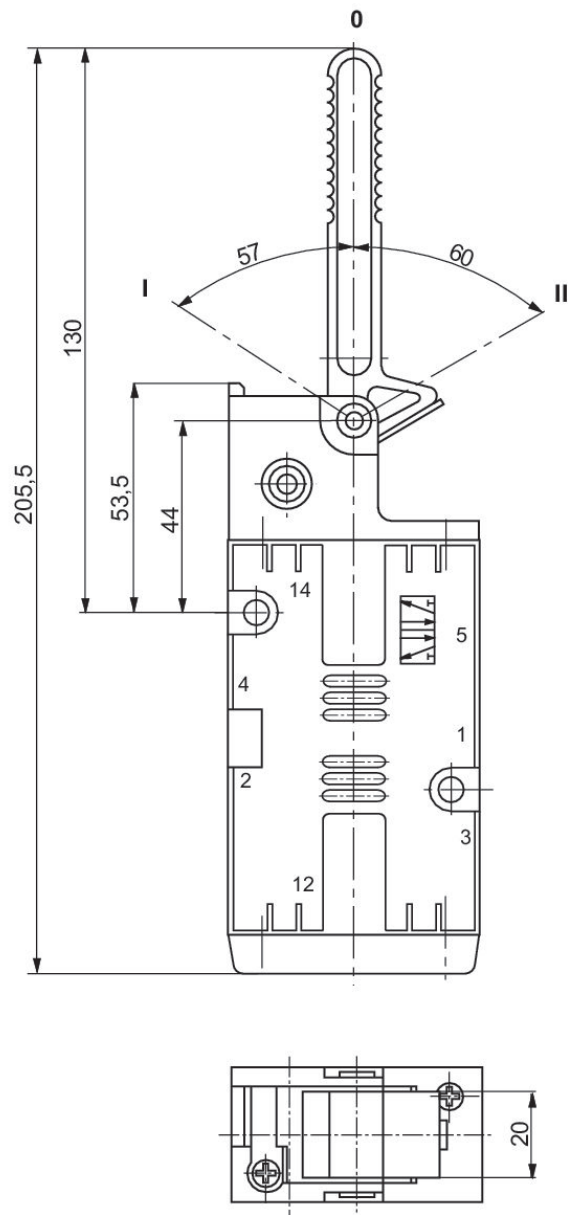
- Core width: 42 mm
- Core height: 55 mm
- Winding 1 (top): 22 mm diameter, 22 mm height
- Winding 2 (middle): 22 mm diameter, 22 mm height
- Winding 3 (bottom): 22 mm diameter, 22 mm height
- Terminal 4 (top): 2 mm diameter
- Terminal 5 (middle): 2 mm diameter
- Terminal 6 (bottom): 2 mm diameter

Side View (Right):

- Core width: 42 mm
- Core height: 111.5 mm
- Winding 1 (top): 22 mm diameter, 22 mm height
- Winding 2 (middle): 22 mm diameter, 22 mm height
- Winding 3 (bottom): 22 mm diameter, 22 mm height
- Terminal 4 (top): 2 mm diameter
- Terminal 5 (middle): 2 mm diameter
- Terminal 6 (bottom): 2 mm diameter

- 1) Stroke
- 2) Overstroke

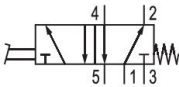
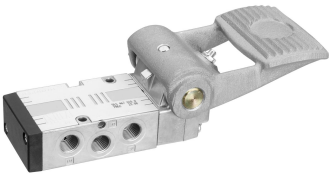
Dimensions in mm



Position 0: initial position, position I: with detent, manual return, position II: automatic spring return

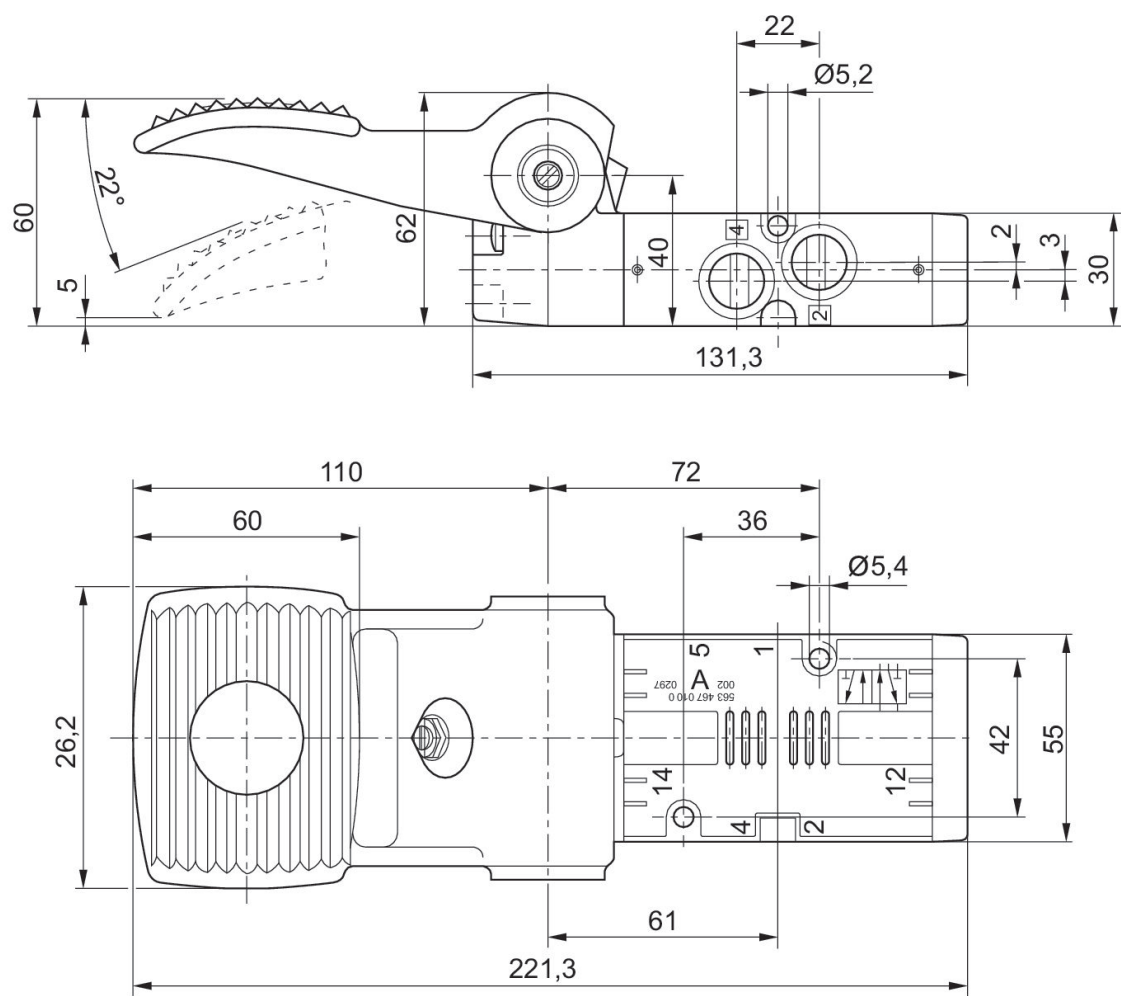
5/2-directional valve, Series CD07, foot pedal

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



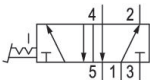
Min. actuat- ing force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
40	NO	Suitable for ATEX	-25	80	5634670100

Dimensions in mm



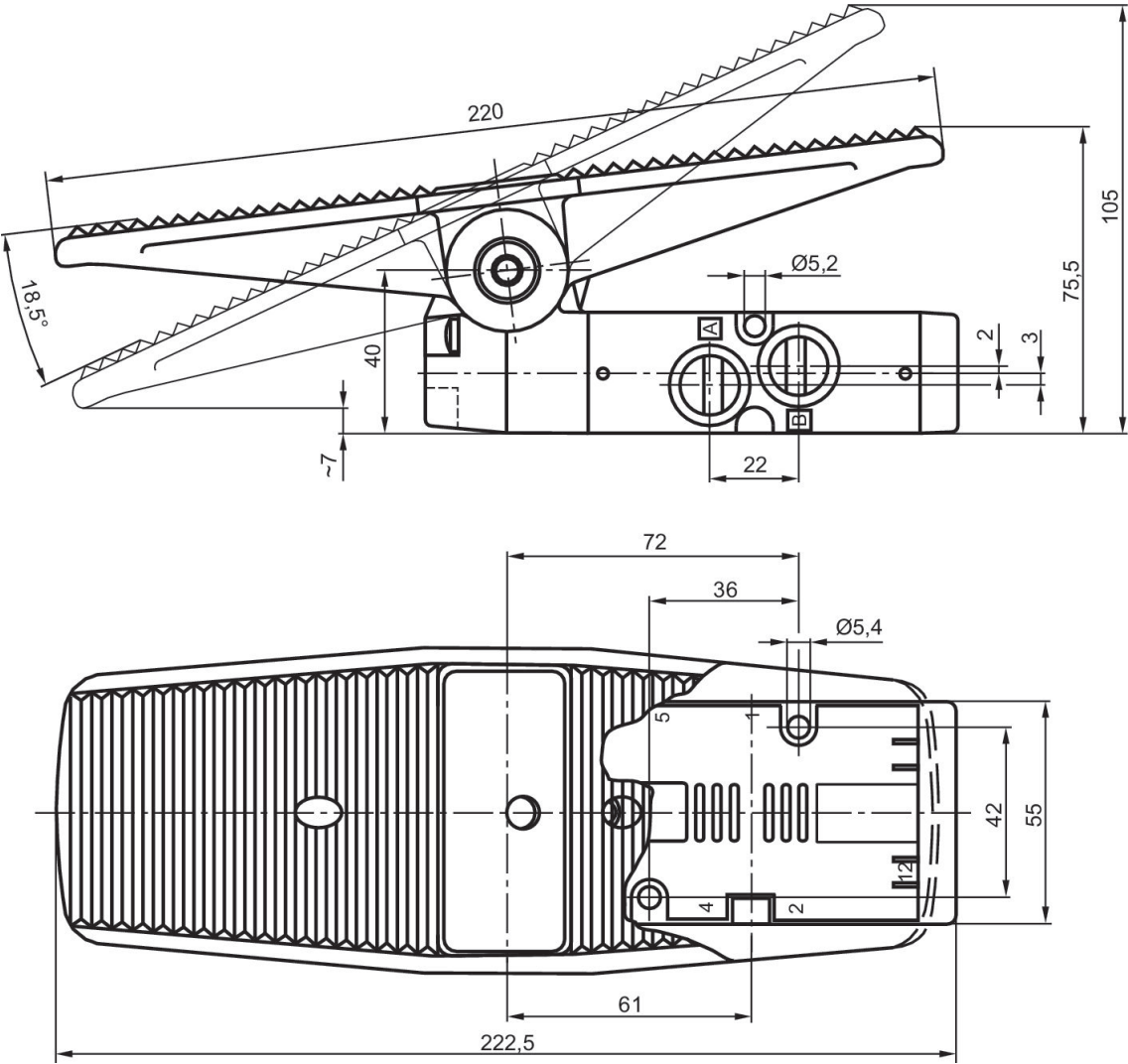
5/2-directional valve, Series CD07, foot pedal with detent

Flow: 1200 l/min
Activation: Mechanically operated
Compressed air connection type: Internal thread
Certificates: Suitable for ATEX
Compressed air connection input: G 1/4
Compressed air connection output: G 1/4
Compressed air connection, exhaust: G 1/4
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



Min. actuat- ing force [N]	Function	ATEX	Min. ambient temperature [°C]	Max. am- bient tem- perature [°C]	Part No.
40	NO	Suitable for ATEX	-25	80	5634695100

Dimensions in mm



Flow: 1200 l/min
Activation: Mechanically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: -0.95 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actuating force [N]	Compressed air connection	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	70	1/4 NPT	-25	80	R432016625

Technical drawing of a mechanical component, showing three views: front, top, and side. The drawing includes dimensions in millimeters and numbered callouts (1-5) for specific features.

Front View (Left):

- Overall width: 0.12
- Top flange width: 0.08
- Distance between top flange and first hole: 0.87
- Distance between first and second hole: 0.87
- Distance between second and third hole: 0.87
- Callout 1 points to the top flange.
- Callout 2 points to the first hole.
- Callout 3 points to the second hole.
- Callout 4 points to the third hole.
- Callout 5 points to the bottom flange.

Top View (Middle):

- Overall width: 2.17
- Overall height: 3.72
- Top flange width: 0.30
- Distance between top flange and first hole: 0.02
- Distance between first and second hole: 0.24
- Distance between second and third hole: 1.42
- Distance between third and fourth hole: 1.42
- Distance between fourth hole and bottom flange: 0.75
- Callout 1 points to the top flange.
- Callout 2 points to the first hole.
- Callout 3 points to the second hole.
- Callout 4 points to the third hole.
- Callout 5 points to the bottom flange.

Side View (Right):

- Overall width: 1.18
- Overall height: 4.39
- Top flange width: 0.12
- Distance between top flange and first hole: 0.87
- Distance between first and second hole: 0.87
- Distance between second and third hole: 0.87
- Distance between third and fourth hole: 0.87
- Distance between fourth hole and bottom flange: 0.75
- Callout 1 points to the top flange.
- Callout 2 points to the first hole.
- Callout 3 points to the second hole.
- Callout 4 points to the third hole.
- Callout 5 points to the bottom flange.

1) Stroke 2) Overstroke
Dimensions of basic valve apply to all types of actuation.

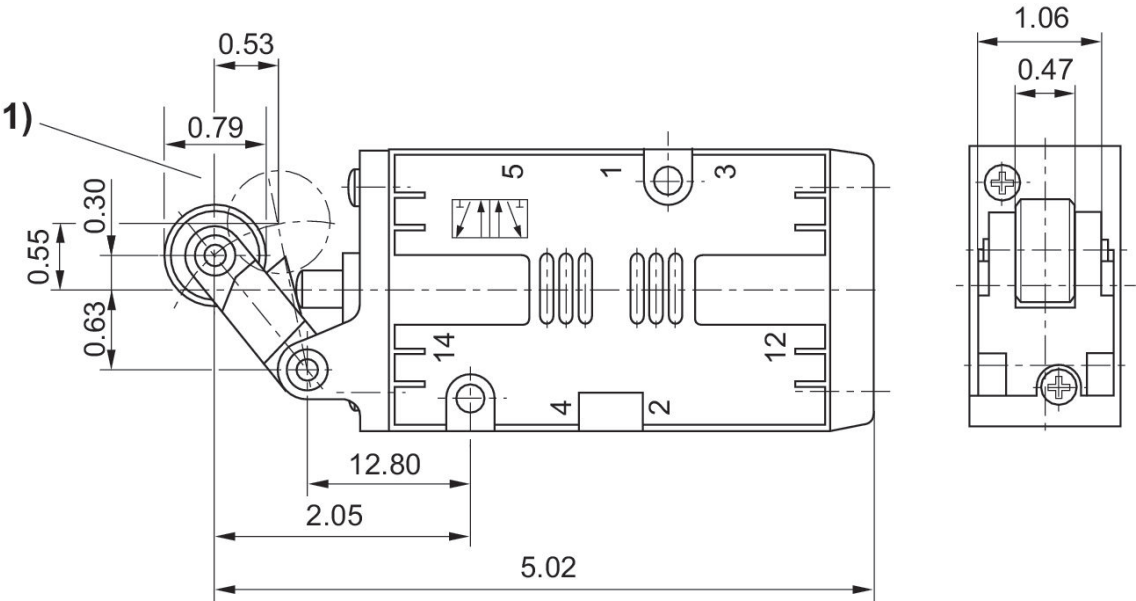
5/2-directional valve, Series CD07, Roller

Flow: 1200 l/min
Activation: Mechanically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: -0.95 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actuating force [N]	Compressed air connection	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	40	1/4 NPT	-25	80	R432016623

Dimensions in inches



1) approach angle of rollers max. 30°

5/2-directional valve, Series CD07, Hand lever, with detent, without detent

Flow: 1200 l/min
Activation: Mechanically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: -0.95 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actuating force [N]	Compressed air connection	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	20	1/4 NPT	-25	80	R432016626

AVENTICS

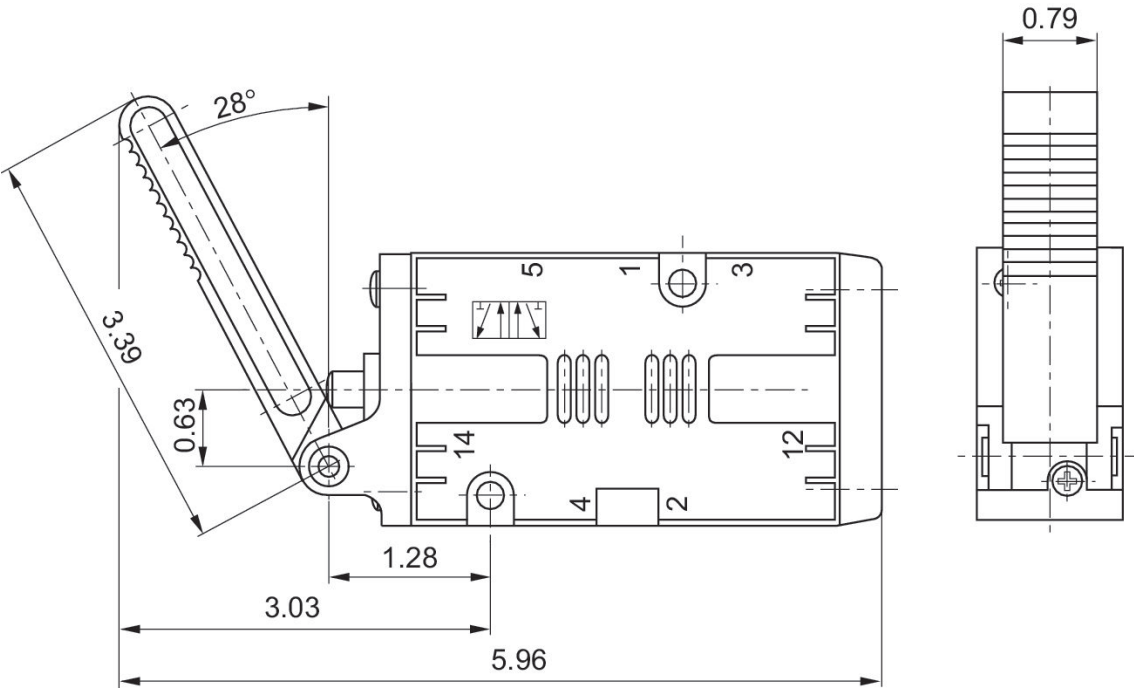
5/2-directional valve, Series CD07, Hand lever

Flow: 1200 l/min
Activation: Mechanically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: -0.95 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actuating force [N]	Compressed air connection	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	15	1/4 NPT	-25	80	R432016621

Dimensions in inches



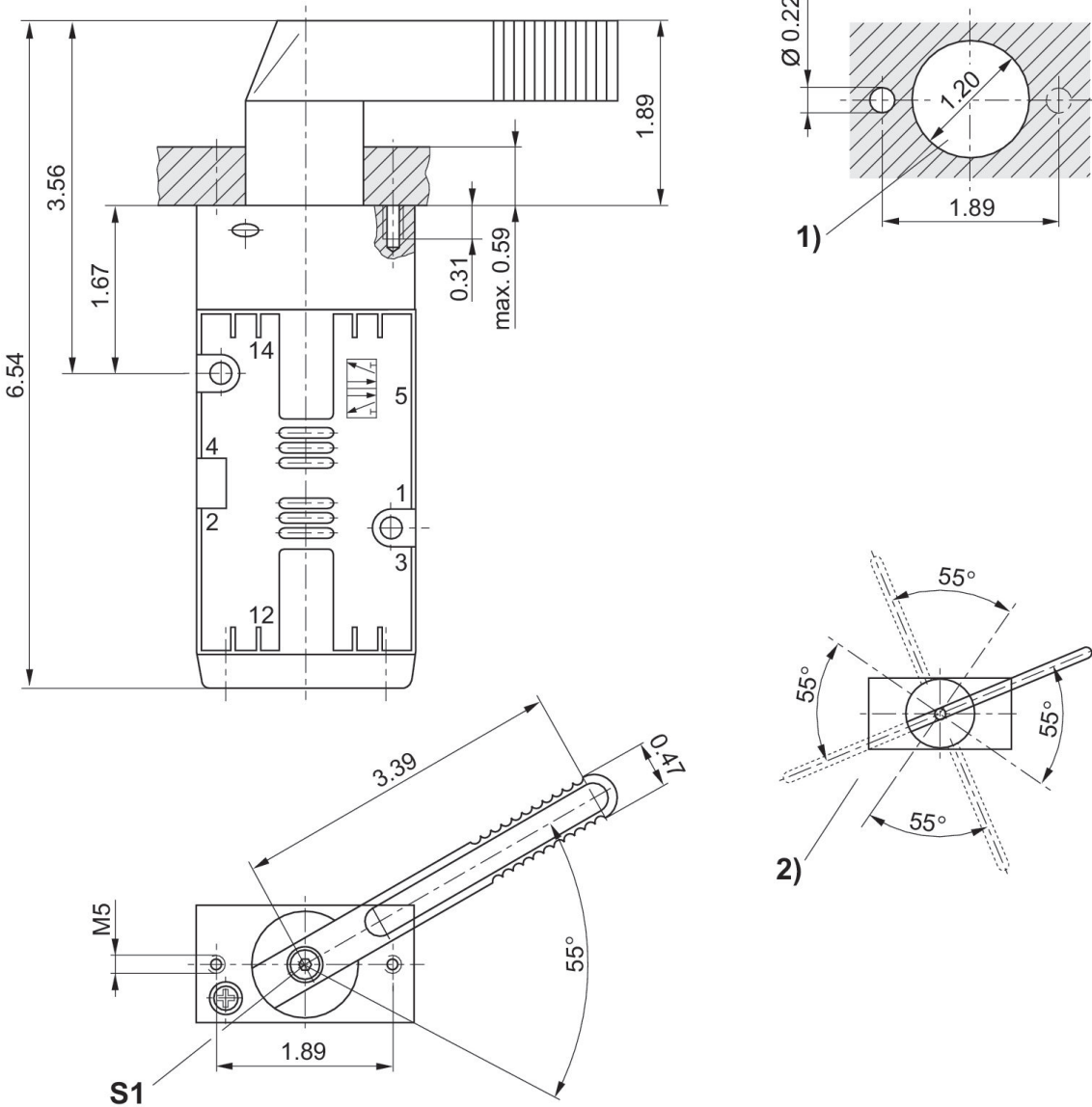
5/2-directional valve, Series CD07, Rotary lever, with detent

Flow: 1200 l/min
Activation: Mechanically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Min. control pressure: -0.95 bar
Max. control pressure: 10 bar
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actuating force [N]	Compressed air connection	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	15	1/4 NPT	-25	80	R432016627

Dimensions in inches



1) control panel installation (holes in mounting panel) 2) possible lever positions (basic position of hand lever adjustable in 90° steps after loosening screw "S1").

5/2-directional valve, Series CD07, Button

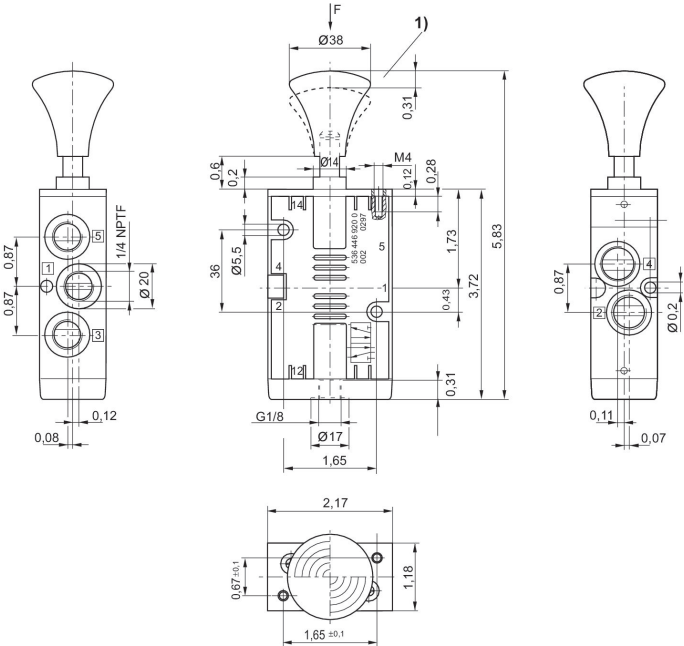
Flow: 1200 l/min
Activation: Mechanically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Type: Spool valve, positive overlapping
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



	Min. actuating force [N]	Compressed air connection	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	80	1/4 NPT	-25	80	R432009214
	80	1/4 NPT	-25	80	R432032607
	80	1/4 NPT	-25	80	R432032606
	70	1/4 NPT	-25	80	R432016622

R432009214, R432032607, R432032606

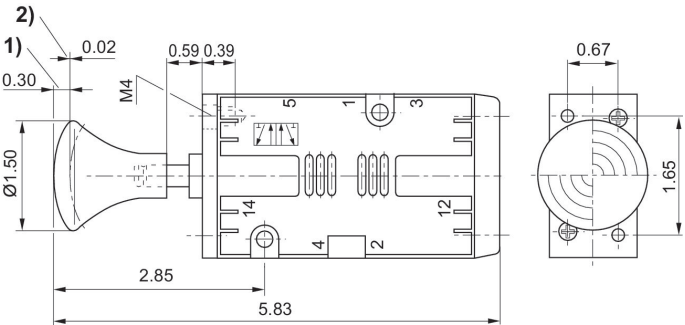
Dimensions in inches



1) Stroke

R432016622

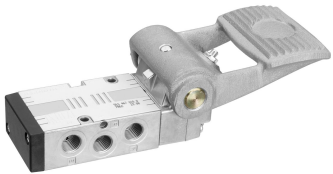
Dimensions in inches

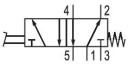


1) Stroke 2) Overstroke

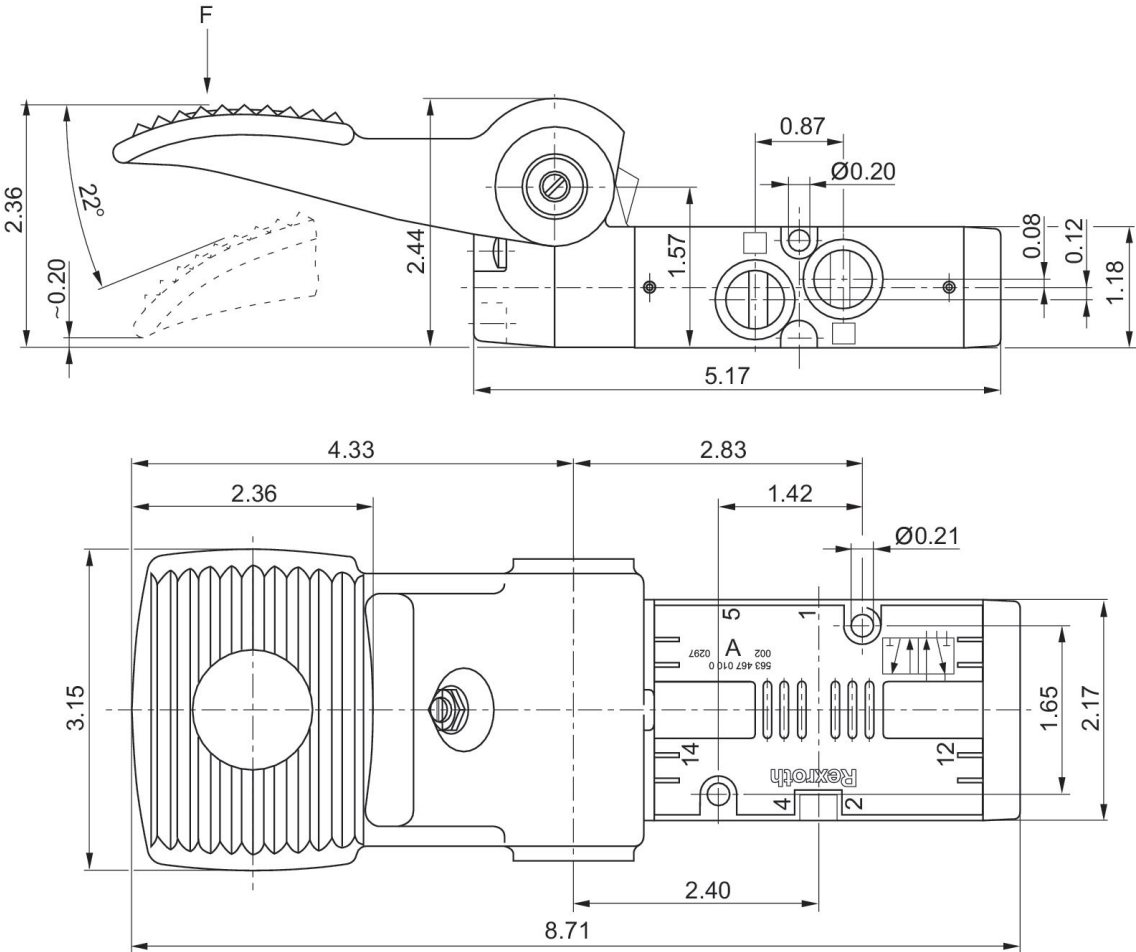
5/2-directional valve, Series CD07, Pedal

Flow: 1200 l/min
Activation: Mechanically operated
Qn 1 > 2: 1200 l/min
Compressed air connection type: Internal thread
Compressed air connection input: 1/4 NPT
Compressed air connection output: 1/4 NPT
Compressed air connection, exhaust: 1/4 NPT
Type: Spool valve, positive overlapping
Min. ambient temperature: -30 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 10 bar



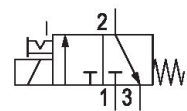
	Min. actuating force [N]	Compressed air connection	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
	40	1/4 NPT	-30	80	R432016624

Dimensions



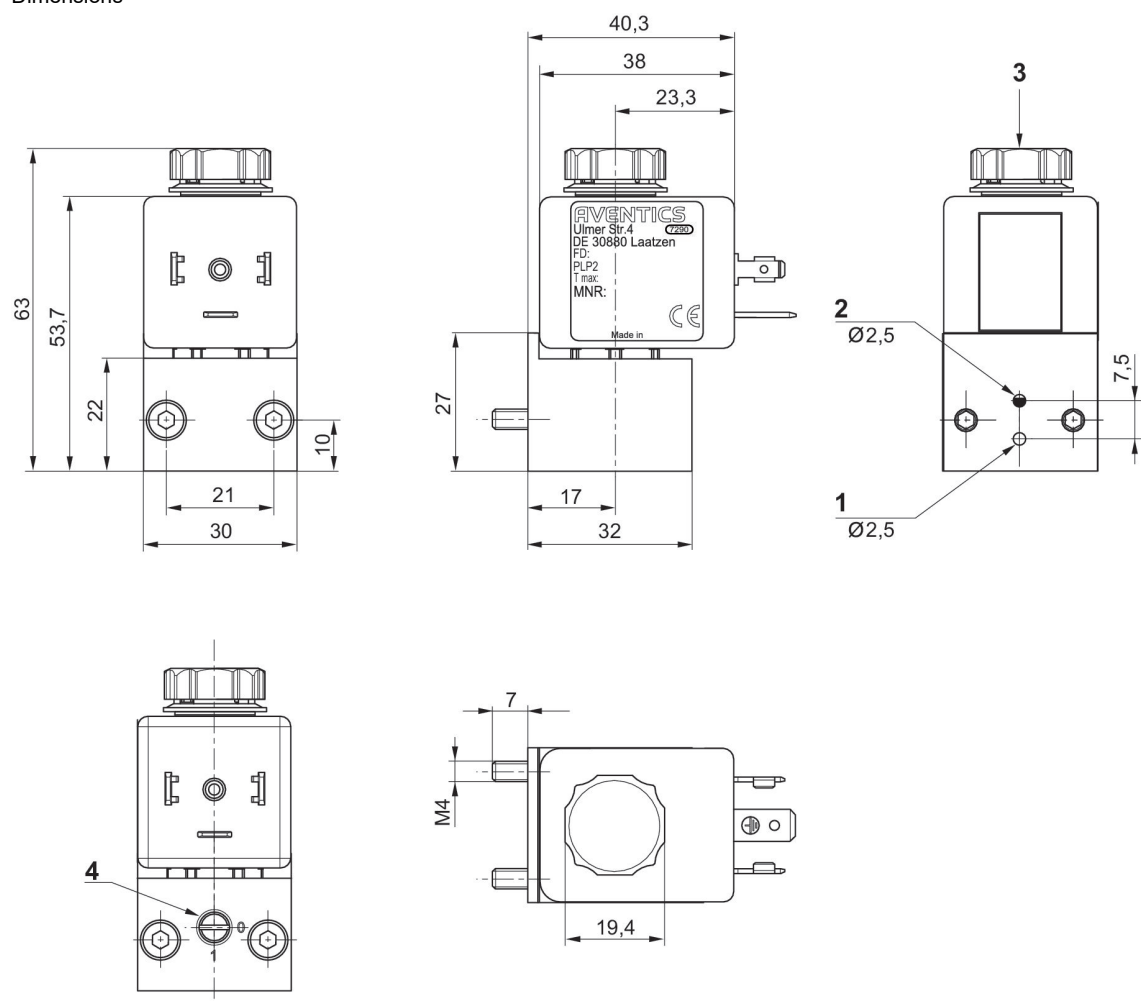
3/2-directional valve, Series DP30-LT, Manual override: with detent

Flow: 60 l/min
Activation: Electrically
Electrical connection 2, thread size: EN 175301-803, form A
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Certificates: CE declaration of conformity UR (Underwriters Laboratories) RoHS
Electrical connection 2, number of poles: 3-pin
Pilot valve width: 30 mm
Duty cycle: 100 %
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 2.5 bar
Max. working pressure: 10 bar



Operational voltage	Compressed air connection	Function	Manual override	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
24 V DC	CNOMO	NC	with detent	CE declaration of conformity, RoHS, UR (Underwriters Laboratories)	-40	70	R414012067
110 V DC	CNOMO	NC	with detent	CE declaration of conformity, RoHS, UR (Underwriters Laboratories)	-40	70	R414012068

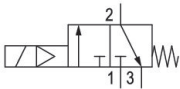
Dimensions



- 1) Port 1 (Input)
- 2) Port 2 (Output)
- 3) Port 3 (M8) with silencer
- 4) Manual override

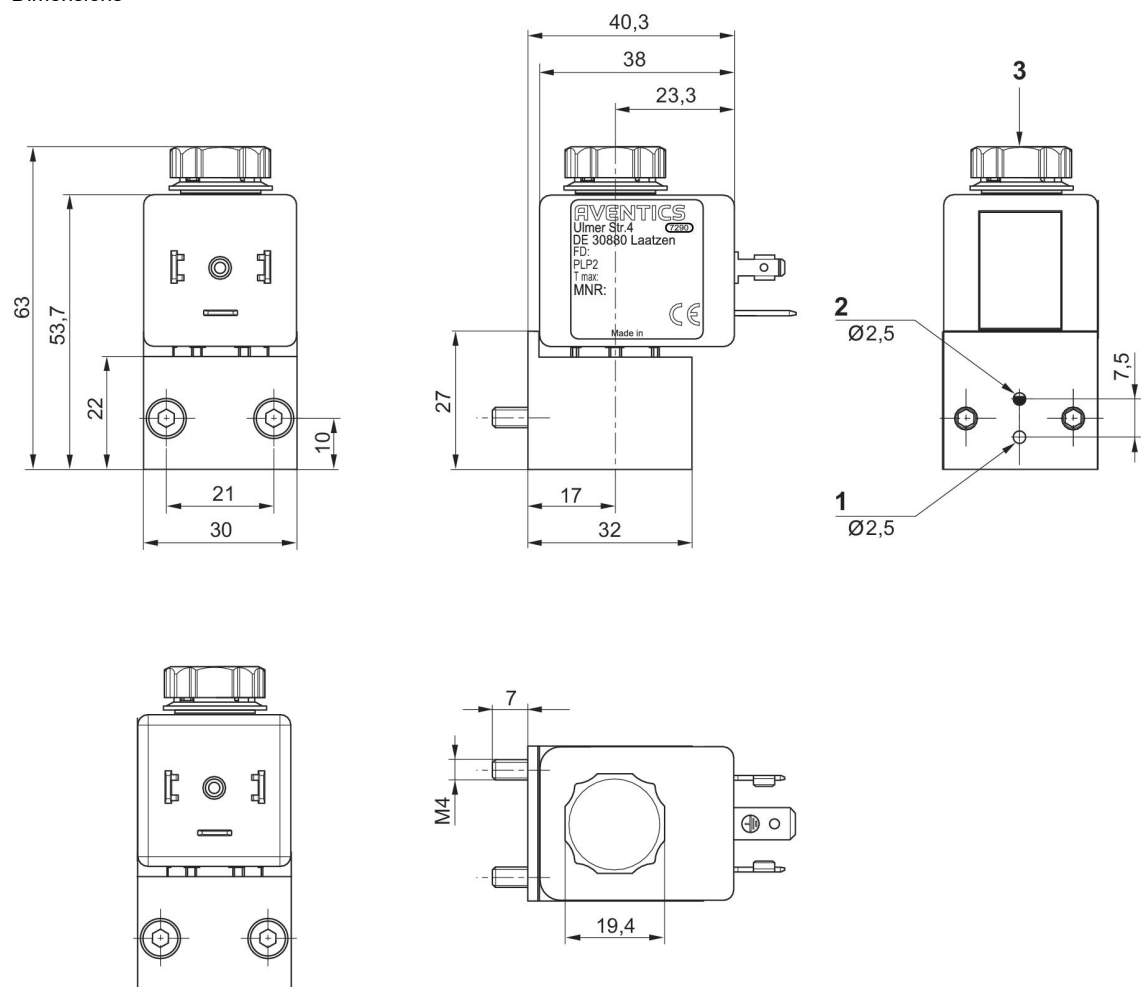
3/2-directional valve, Series DP30-LT, Manual override: without detent

Flow: 60 l/min
Activation: Electrically
Electrical connection 2, thread size: EN 175301-803, form A
Compressed air connection type: Internal thread
Temperature resistance: -40 °C cold-resistant
Certificates: CE declaration of conformity RoHS UR (Underwriters Laboratories)
Electrical connection 2, number of poles: 3-pin
Pilot valve width: 30 mm
Type: Spool valve, positive overlapping
Min. ambient temperature: -40 °C
Max. ambient temperature: 70 °C
Min. working pressure: 2.5 bar
Max. working pressure: 10 bar



Operational voltage	Compressed air connection	Function	Manual override	ATEX	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
24 V DC	CNOMO	NC	without	CE declaration of conformity, RoHS, UR (Underwriters Laboratories)	-40	70	R414012065
110 V DC	CNOMO	NC	without	CE declaration of conformity, RoHS, UR (Underwriters Laboratories)	-40	70	R414012066

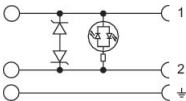
Dimensions



- 1) Port 1 (Input)
- 2) Port 2 (Output)
- 3) Port 3 (Exhaust) with silencer

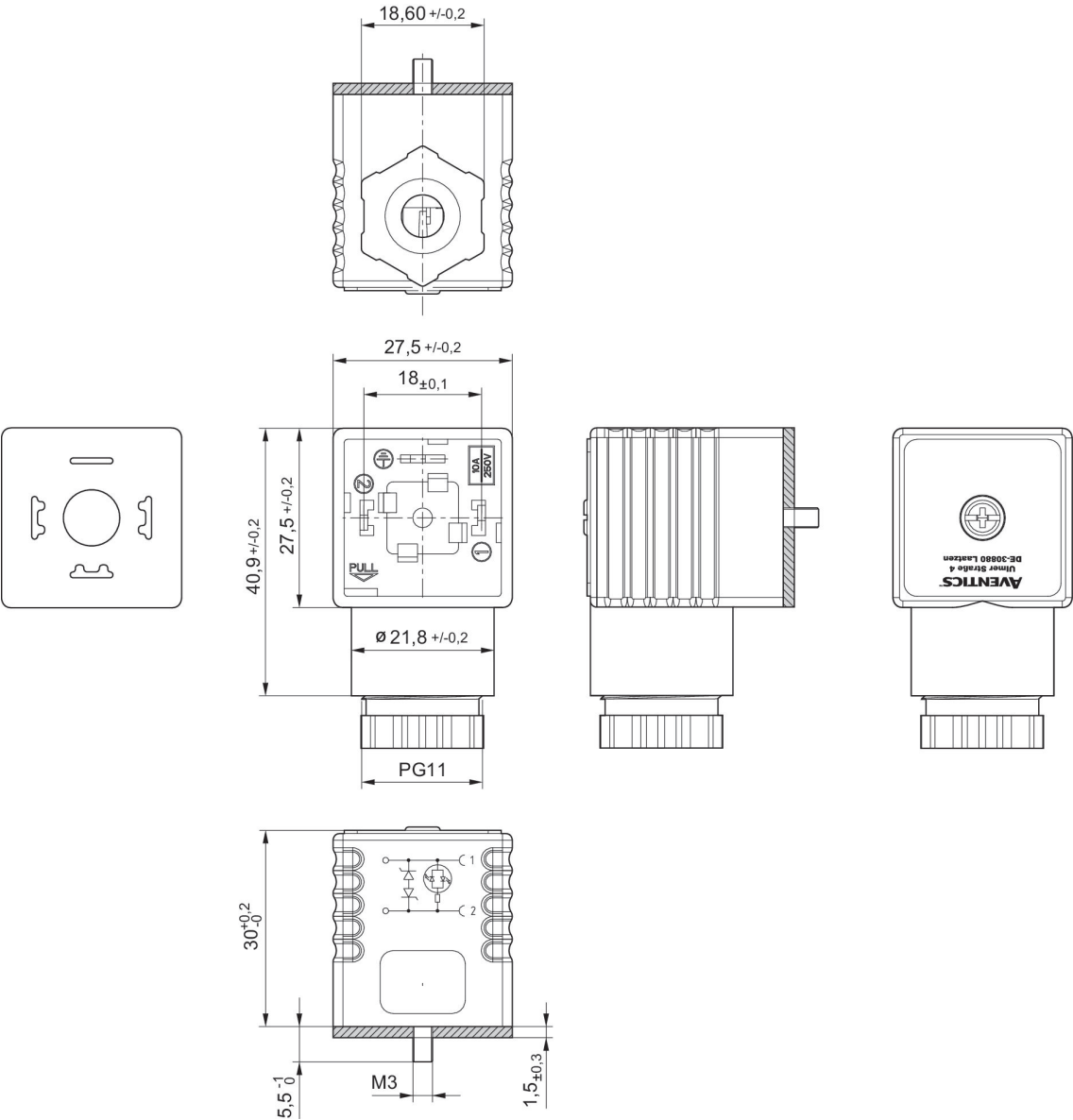
Valve plug connector, series CON-VP, Form A, 24 V AC/DC, Flat gasket

Electrical connection 1: EN 175301-803, form A
Ambient temperature min./max.: -40 °C ... 90 °C



Operational voltage	Protective circuit	Max. current [A]	Contact assignment	LED status display	min. suitable cable Ø [mm]	max. suitable cable Ø [mm]	Part No.
24 V AC/DC	2 Z-diodes	1.5	2+E	Yellow	4	9.5	1834484101

Dimensions



Profile seal

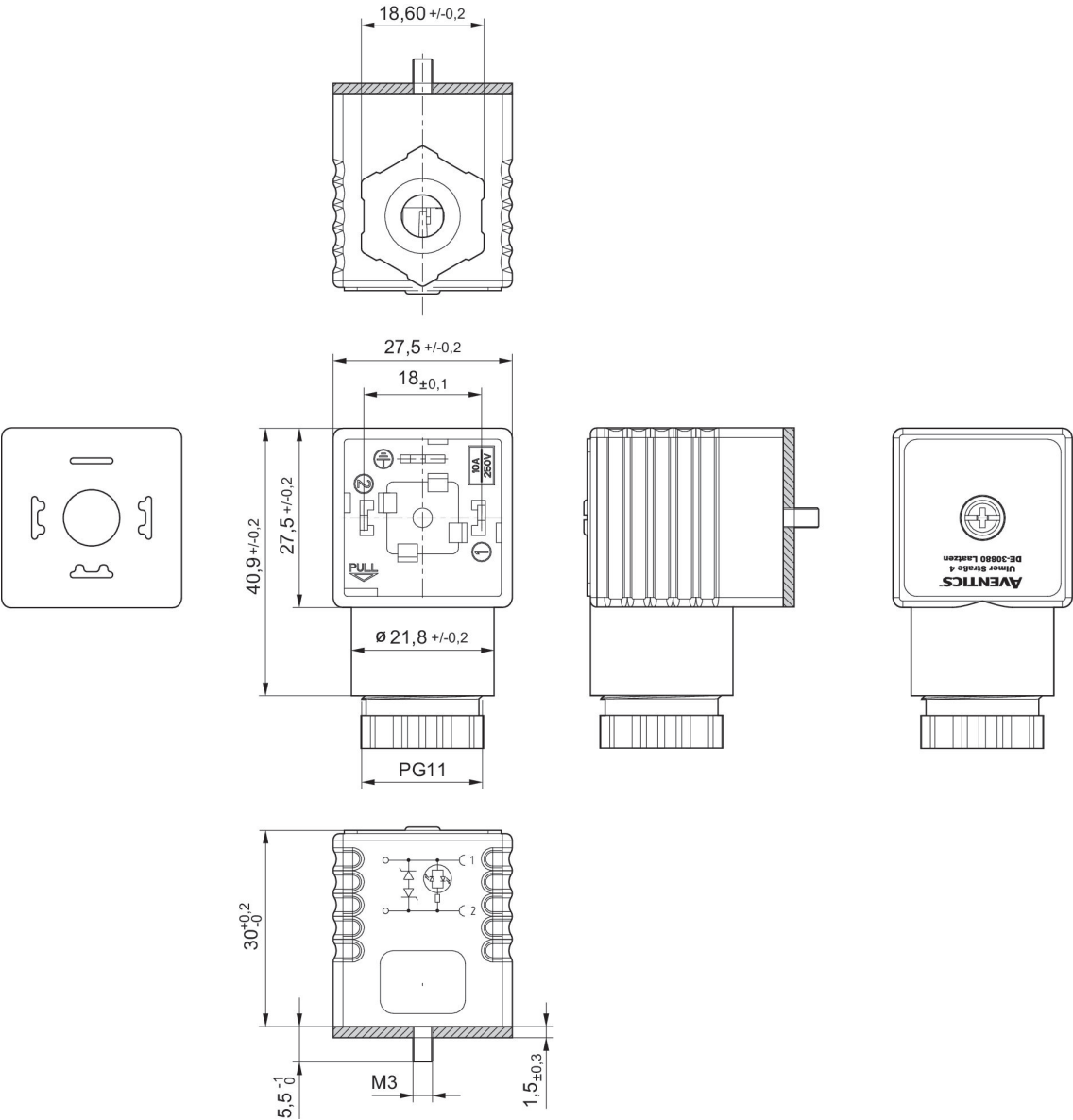
Valve plug connector, series CON-VP, form A, 115/230 V AC/DC

Electrical connection 1: EN 175301-803, form A
Ambient temperature min./max.: -40 °C ... 90 °C



	Operational voltage	Protec- tive circuit	Contact as- signment	LED sta- tus display	min. suit- able cable Ø [mm]	max. suit- able cable Ø [mm]	Part No.
	115 V AC/DC	Varistor	2+E	Red	6.5	9.5	1834484102
	230 V AC/DC	Varistor	2+E	Red	6.5	9.5	1834484103

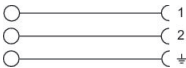
Dimensions



Profile seal

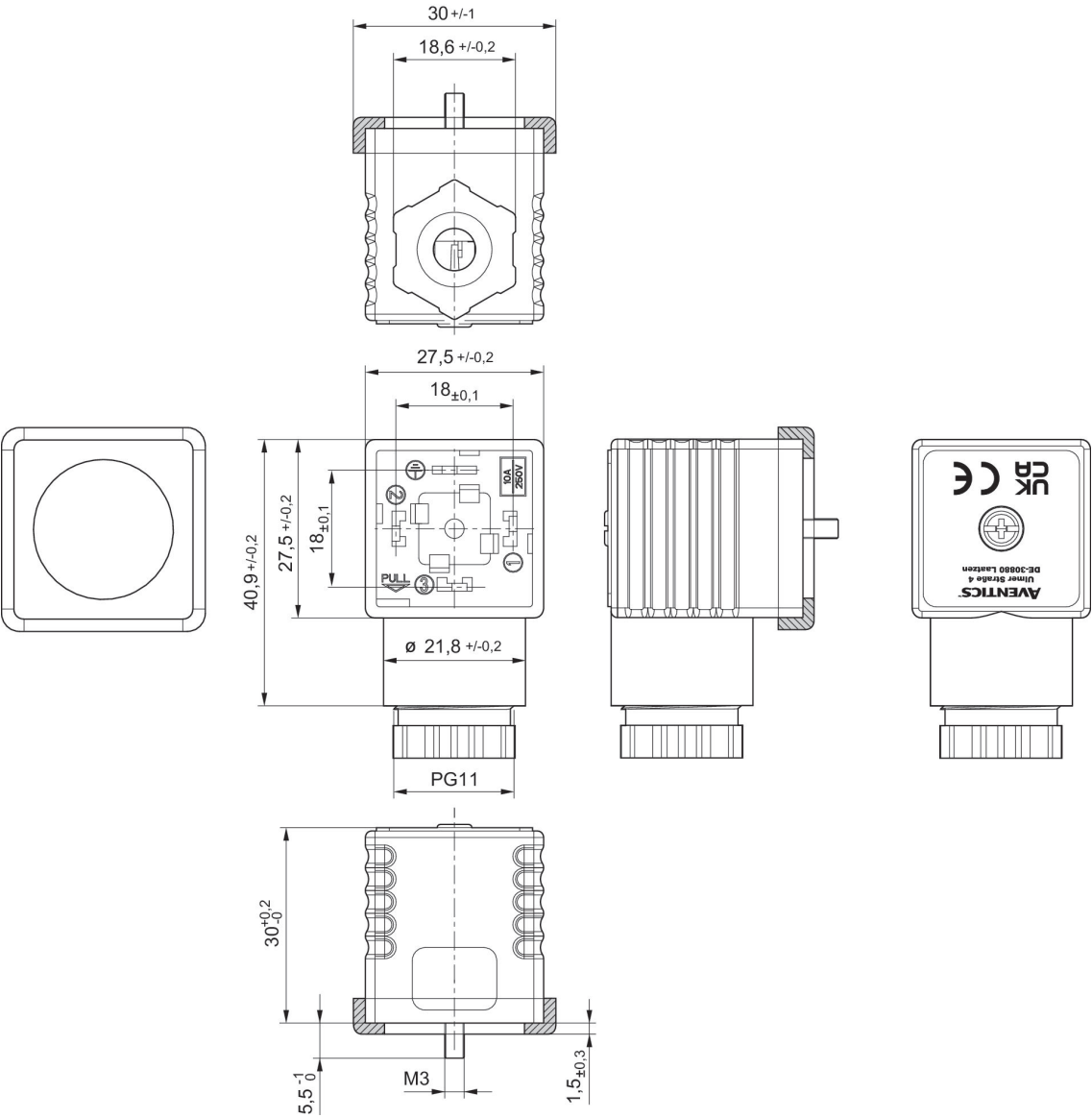
Valve plug connector, series CON-VP, Form A, 300 V DC / 250 V AC, 2-pin

Electrical connection 1: EN 175301-803, form A
Ambient temperature min./max.: -40 °C ... 90 °C



Operational voltage	Max. current [A]	Contact assignment	min. suitable cable Ø [mm]	max. suitable cable Ø [mm]	Part No.
300 V DC / 250 V AC	10	2+E	4	9.5	1834484048

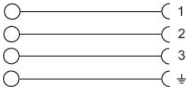
Dimensions



Profile seal

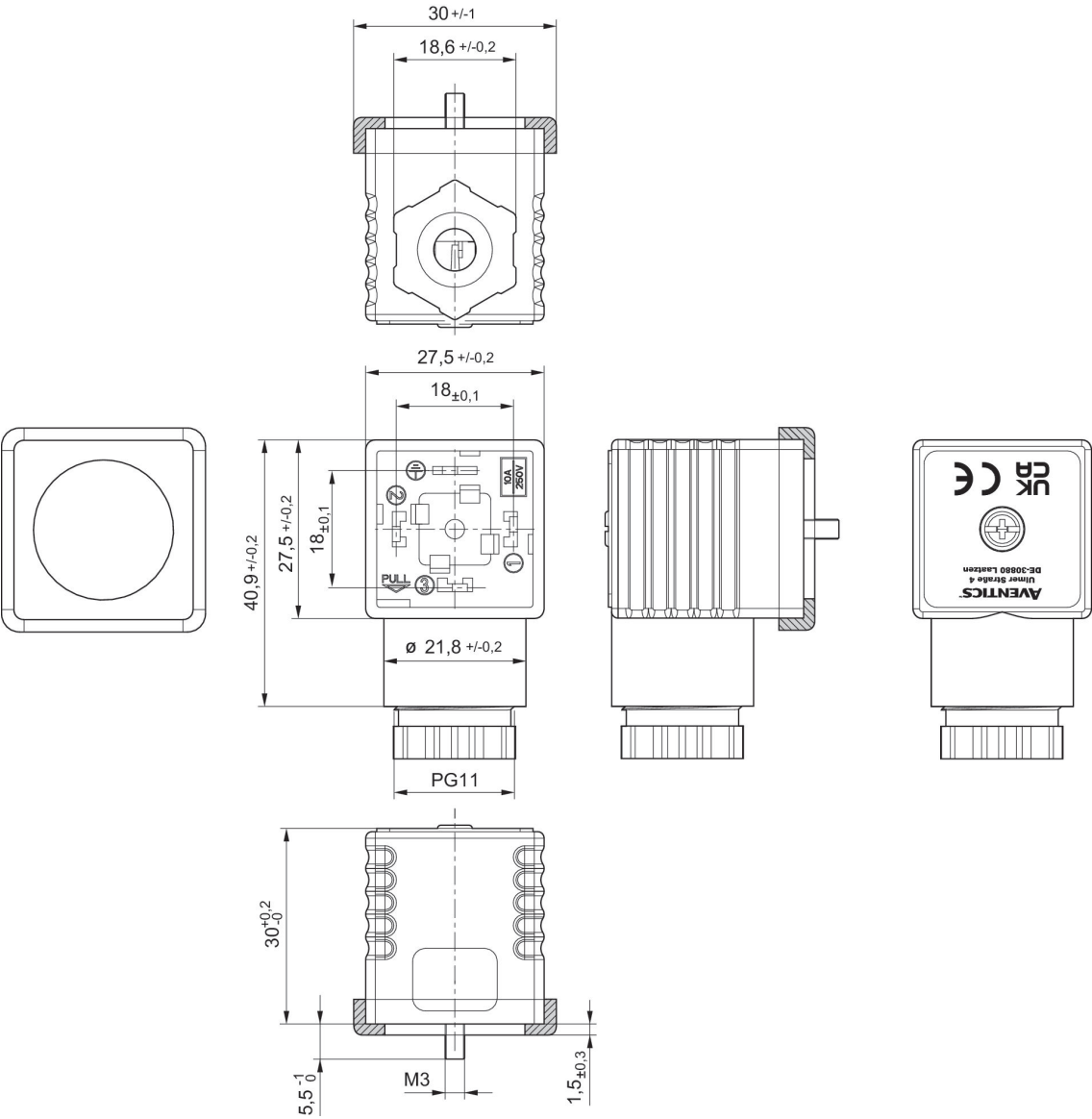
Valve plug connector, series CON-VP, Form A, 300 V DC / 250 V AC, 3-pin

Electrical connection 1: EN 175301-803, form A
Ambient temperature min./max.: -40 °C ... 90 °C



Operational voltage	Max. current [A]	Contact assignment	min. suitable cable Ø [mm]	max. suitable cable Ø [mm]	Part No.
300 V DC / 250 V AC	10	3+E	4	9.5	1834484059

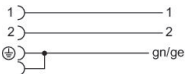
Dimensions



Profile seal

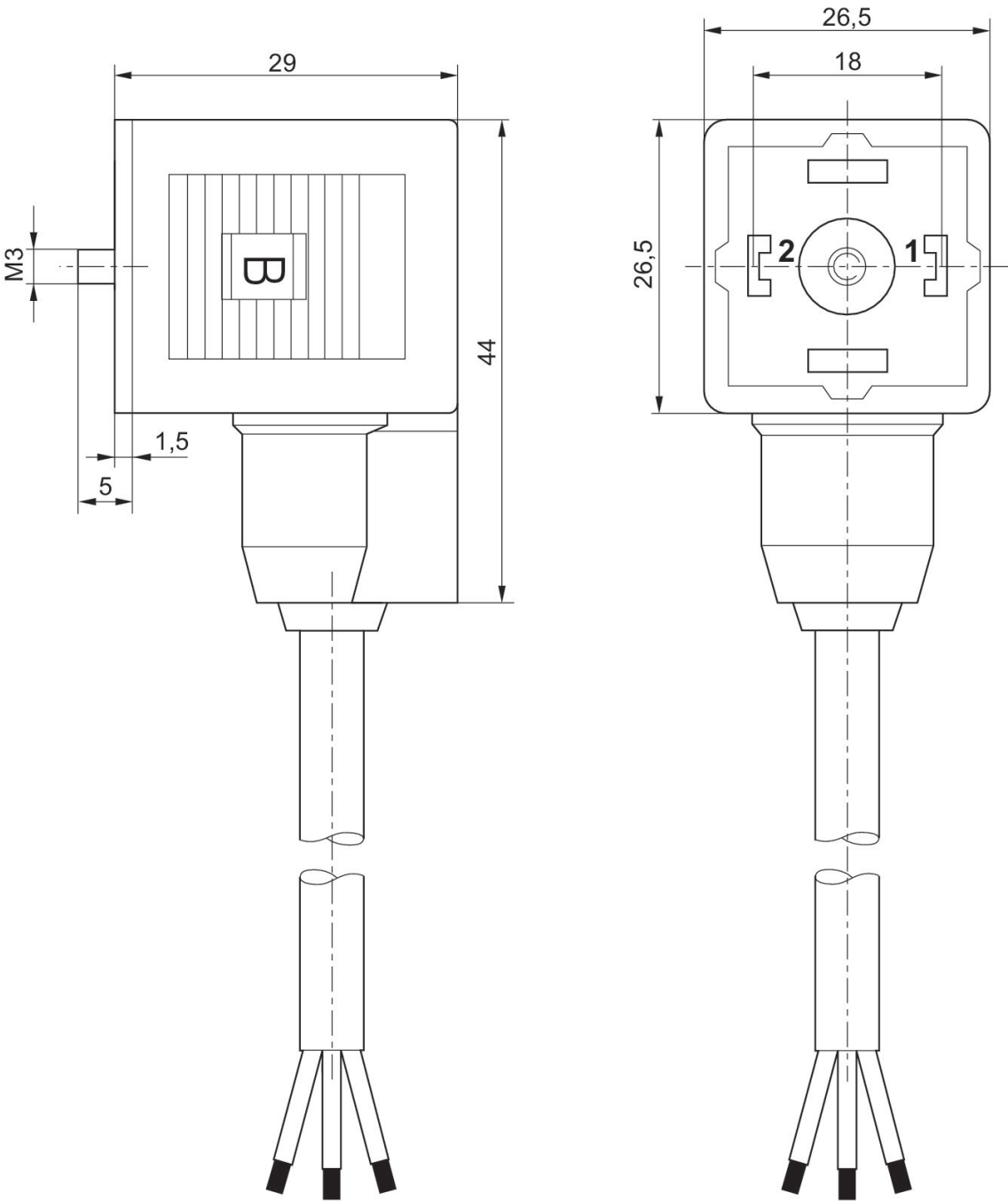
Valve plug connector with cable series CON-VP, Form A

Electrical connection 1: Socket ... form A ... 2+E ... angled
Electrical connection 2: open cable ends ... 3-pin
Shielding: unshielded
Ambient temperature min./max.: -20 °C ... 80 °C



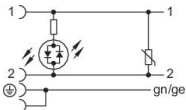
Operational voltage	Contact assignment	Cable-Ø [mm]	Cable length [m]	Part No.
230 V AC/DC	2+E	5.9	3	1834484160

Dimensions



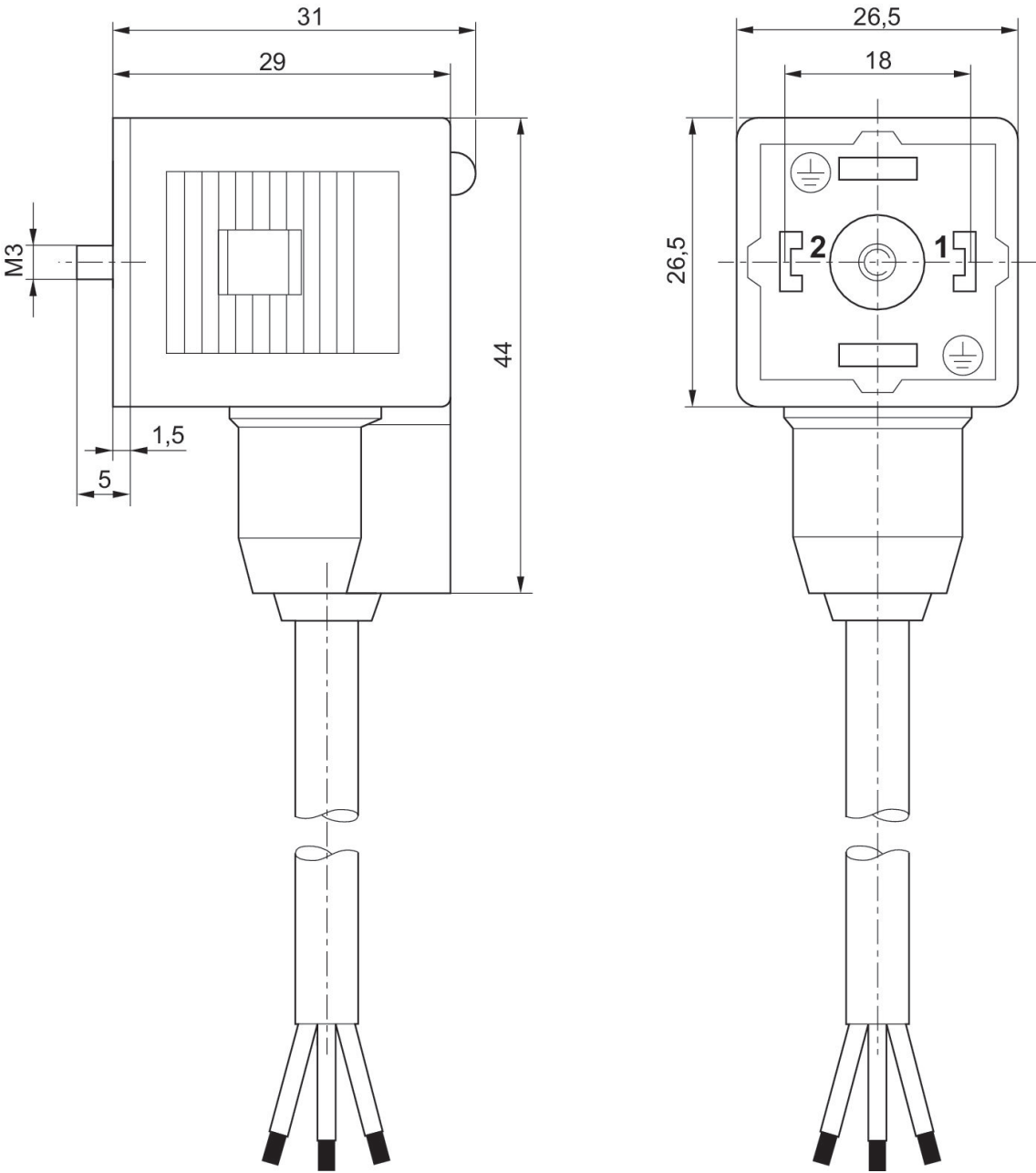
Valve plug connector with cable series CON-VP, Form A

Electrical connection 1: Socket ... form A ... 2+E ... angled
Electrical connection 2: open cable ends ... 3-pin
Shielding: unshielded
Protective circuit: Varistor
Ambient temperature min./max.: -20 °C ... 80 °C



Operational voltage	Protective circuit	Contact assignment	LED status display	Cable-Ø [mm]	Cable length [m]	Part No.
24 V AC/DC	Z-diode	2+E	Yellow	5.9	3	1834484162
24 V AC/DC	Z-diode	2+E	Yellow	5.9	5	1834484163
230 V AC/DC	Varistor	2+E	Red	5.9	3	1834484164
230 V AC/DC	Varistor	2+E	Red	5.9	5	1834484165

Dimensions



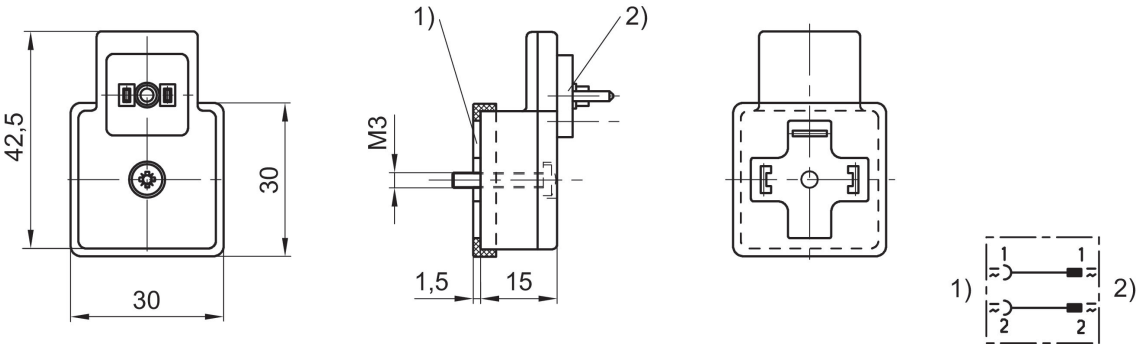
Adapter, Series CON-VP, from form A to form C

Ambient temperature min./max.: -25 °C ... 50 °C



Type	Max. current [A]	Part No.
from form A to form C	0.5	8946053622

Dimensions



- 1) contact as per DIN EN 175301-803, form A
- 2) contact as per DIN EN 175301-803, form C

Coil, Series CO1, form A

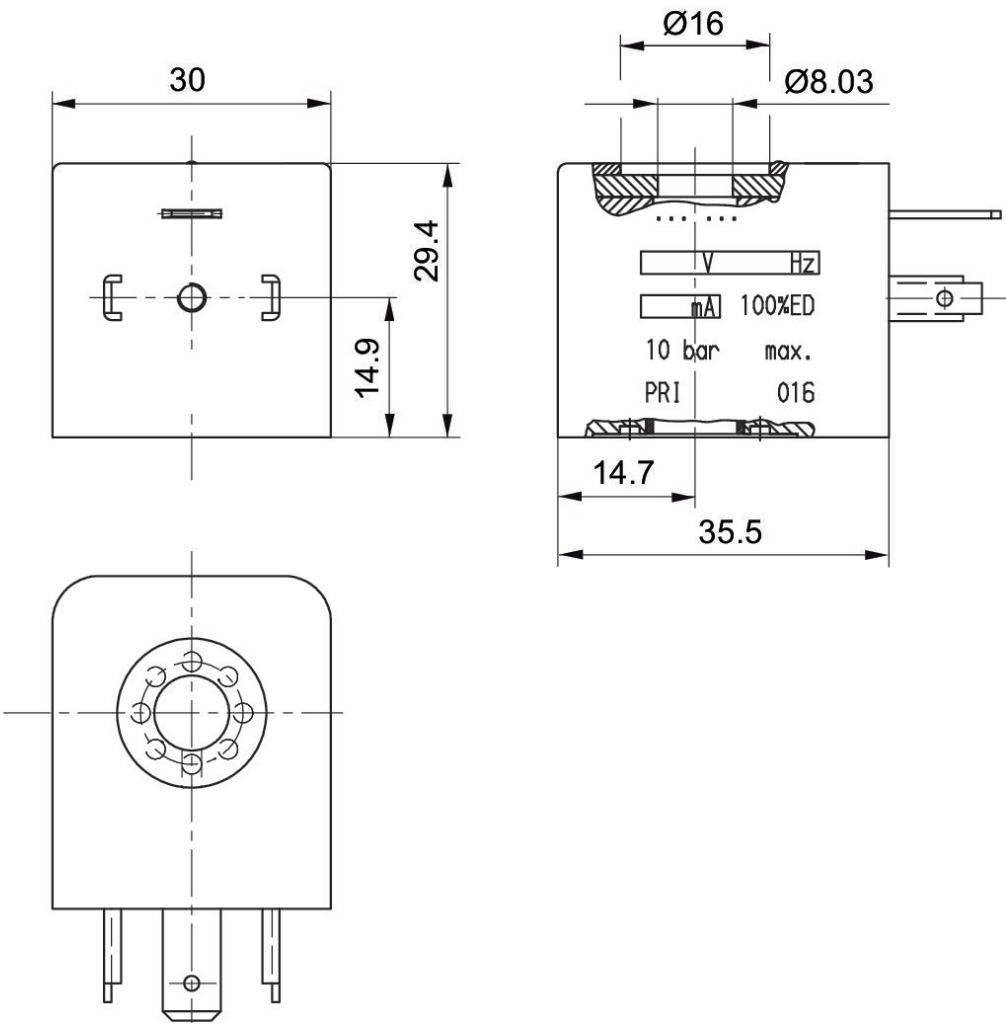
Duty cycle: 100 %
Max. ambient temperature: 50 °C



Operational voltage DC	Number of poles	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Voltage tolerance DC	Voltage tolerance AC 50 Hz	Voltage tolerance AC 60 Hz	Power consumption DC [W]	Part No.
12 V	3-pin			-10 % / +10 %			2.1	5420507012
24 V	3-pin			-10 % / +10 %			2.1	5420507022
	3-pin	24 V	24 V		-20 % / +10 %	-10 % / +20 %		5428457022
48 V	3-pin			-10 % / +10 %			2.2	5420507032
	3-pin	110 V	110 V		-20 % / +10 %	-10 % / +20 %		5428457072
	3-pin	240 V	240 V		-20 % / +10 %	-10 % / +20 %		5428457112
24 V	3-pin			-10 % / +10 %			2.7	5420897022
	3-pin	24 V	24 V		-20 % / +10 %	-10 % / +20 %		5428117022
	3-pin	110 V	110 V		-20 % / +10 %	-10 % / +20 %		5428117072
	3-pin	230 V	230 V		-20 % / +10 %	-10 % / +20 %		5428117082
12 V	3-pin	24 V	24 V	-10 % / +10 %	-10 % / +10 %	-10 % / +10 %	6.2	1824210222
24 V	3-pin			-10 % / +10 %	-10 % / +10 %	-10 % / +10 %	4.4	1824210223
	3-pin	110 V	110 V		-10 % / +10 %	-10 % / +10 %		1824210221
110 V	3-pin	220 V	230 V	-10 % / +10 %	-10 % / +10 %	-10 % / +10 %	6	1824210220

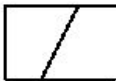
Holding power AC 50 Hz [VA]	Switch-on power AC 50 Hz [VA]	Compatibil- ity index	Part No.
		13	5420507012
		13	5420507022
4.2	6.9	13	5428457022
		13	5420507032
4.2	6.9	13	5428457072
4.2	6.9	13	5428457112
		14	5420897022
5.2		14	5428117022
4.8		14	5428117072
5.6		14	5428117082
7.4	11.5	15	1824210222
		15	1824210223
8	11.5	15	1824210221
8	11.5	15	1824210220

Dimensions



Coil, Series CO1, ATEX

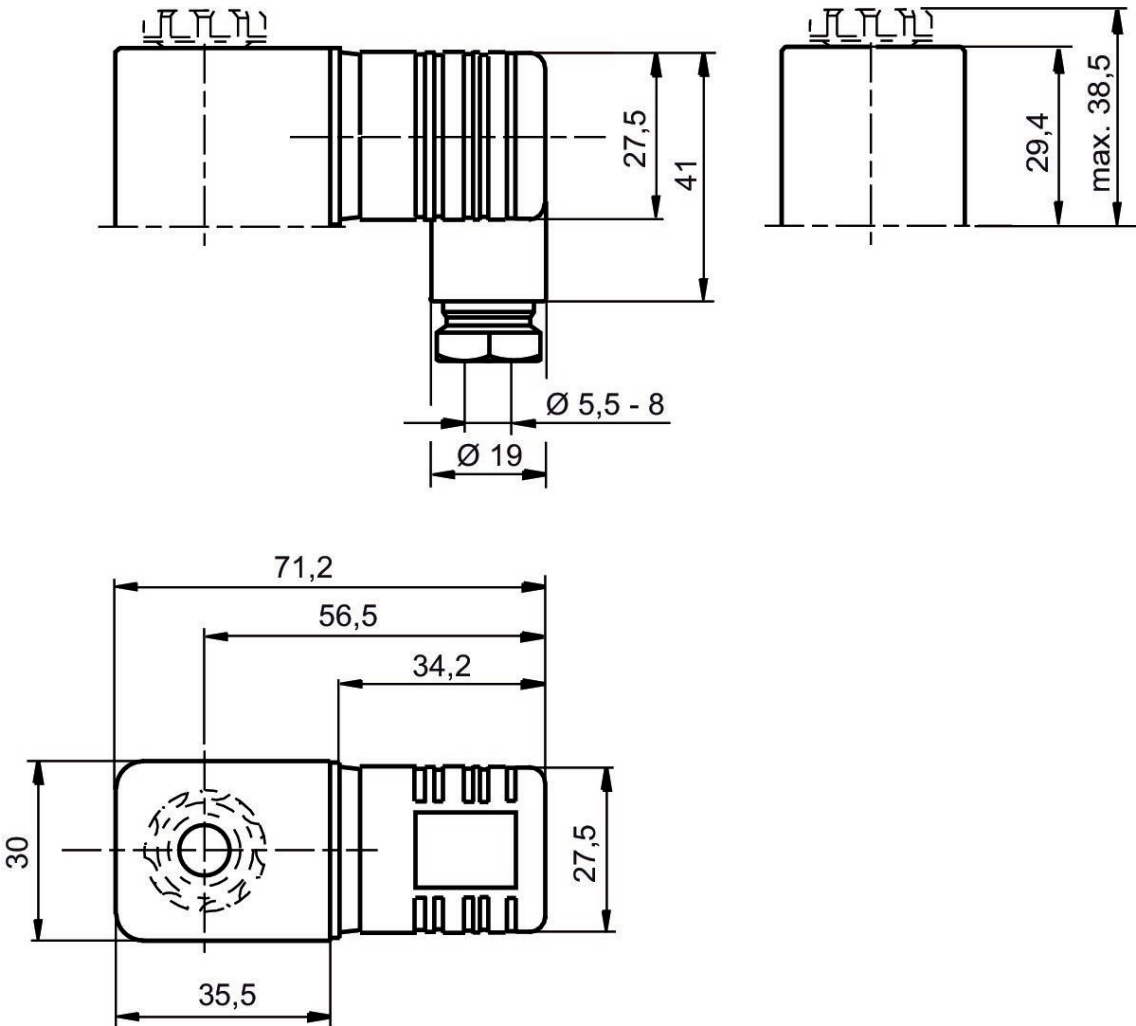
Coil width: 30 mm
Duty cycle: 100 %
Min. ambient temperature: -10 °C
Max. ambient temperature: 50 °C



Operational voltage DC	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Voltage tolerance DC	Voltage tolerance AC 50 Hz	Voltage tolerance AC 60 Hz	Power consumption DC [W]	Holding power AC 50 Hz [VA]	Part No.
24 V			-10 % / +10 %			2.1		R412000144
	24 V	24 V		-10 % / +10 %	-10 % / +10 %		4	R412000145
	110 V	110 V		-10 % / +10 %	-10 % / +10 %		4	R412000146
	230 V	230 V		-10 % / +10 %	-10 % / +10 %		4	R412000147

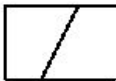
Switch-on power AC 50 Hz [VA]	Compatibil-ity index	Part No.
	13	R412000144
6.9	13	R412000145
6.8	13	R412000146
6.9	13	R412000147

Dimensions



Coil, Series CO1, with cable, ATEX

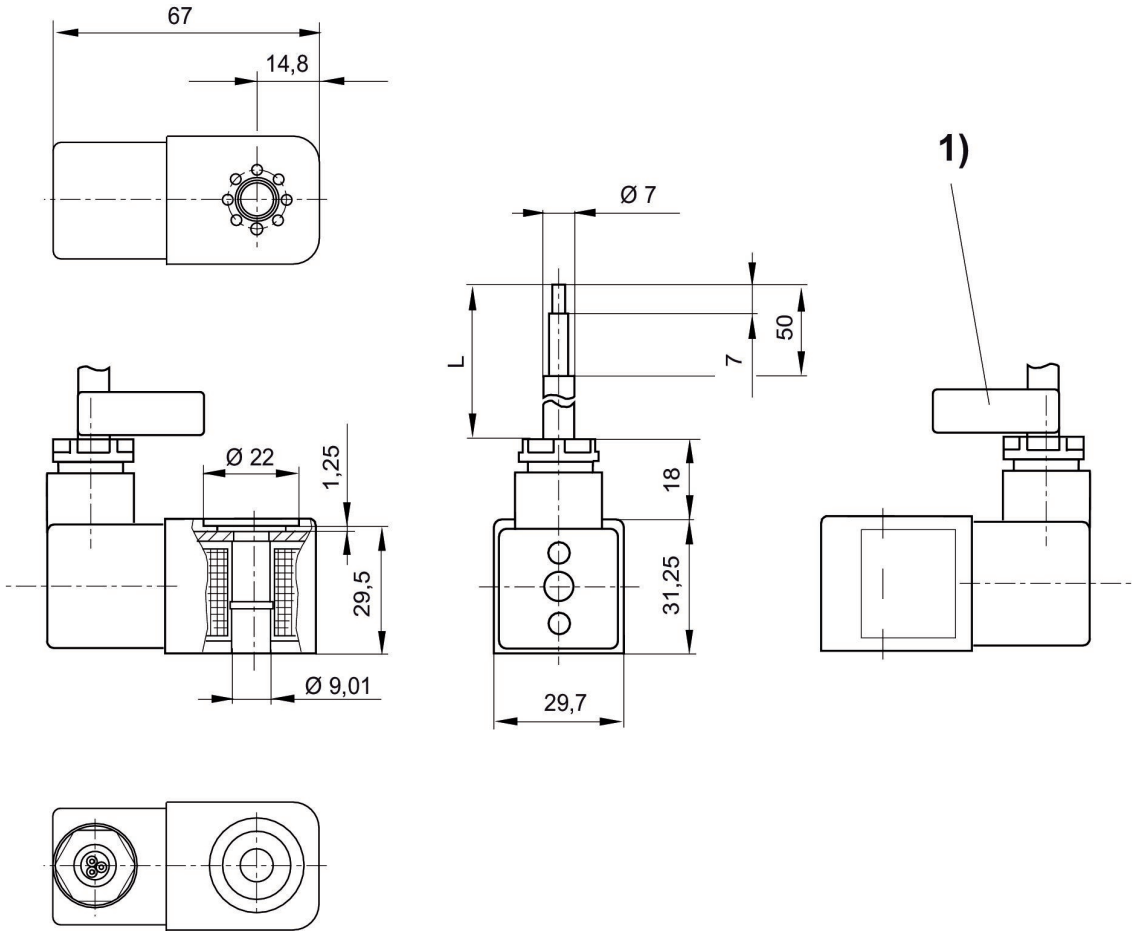
Coil width: 30 mm
Duty cycle: 100 %
Min. ambient temperature: -20 °C
Max. ambient temperature: 50 °C



Operational voltage DC	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Voltage tolerance DC	Voltage tolerance AC 50 Hz	Power consumption DC [W]	Holding power AC 50 Hz [VA]	Switch-on power AC 50 Hz [VA]	Part No.
	230 V	230 V		-10 % / +10 %		3	3.1	1827414297
	230 V	230 V		-10 % / +10 %		3	3.1	1827414298
	110 V	110 V		-10 % / +10 %		2.9	3	1827414299
24 V			-10 % / +10 %		3.25			1827414303
24 V			-10 % / +10 %		3.25			1827414304

Cable length [m]	Compatibility index	Part No.
3	14	1827414297
10	14	1827414298
3	14	1827414299
3	14	1827414303
10	14	1827414304

Dimensions



L = cable length
1) Cable ID band with serial number

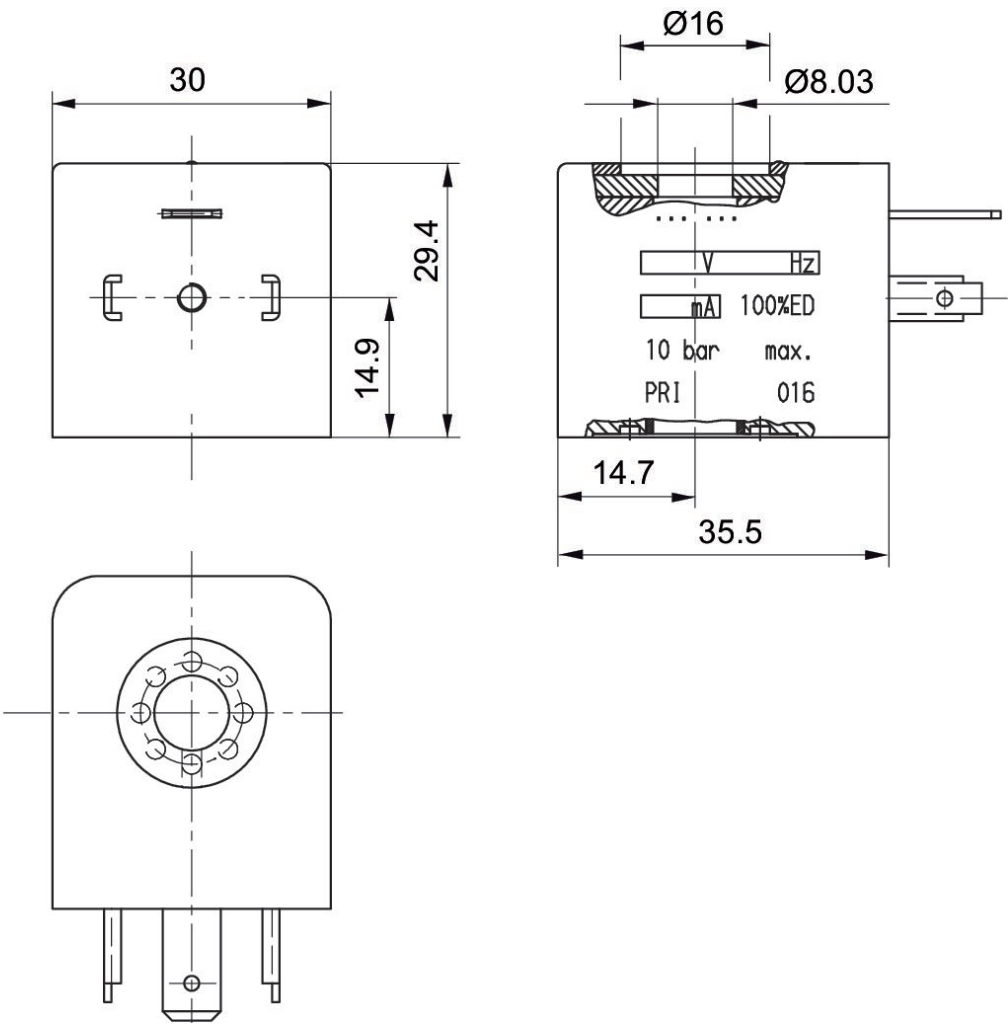
Coil, Series CO1, form A, CERAM

Duty cycle: 100 %
Max. ambient temperature: 50 °C



Operational voltage DC	Number of poles	Operational voltage AC at 50 Hz	Operational voltage AC at 60 Hz	Voltage tolerance DC	Power consumption DC [W]	Holding power AC 50 Hz [VA]	Compatibility index	Part No.
	3-pin	110 V	110 V	-10 % / +10 %		3.7	14	R432011985
	3-pin	220 V	220 V	-10 % / +10 %		3.7	14	R432011986
24 V	3-pin			-10 % / +10 %	2.7		14	R432011989
	3-pin	24 V	24 V	-10 % / +10 %		3.7	14	R432011990

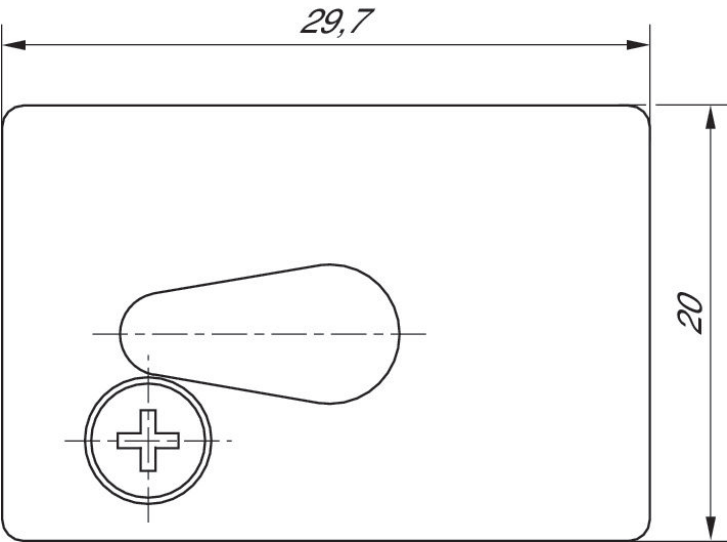
Dimensions



Kit, Series CD07, Manual override lock



Delivery unit [piece]	Weight [kg]	Part No.
1	0.004	5420900002

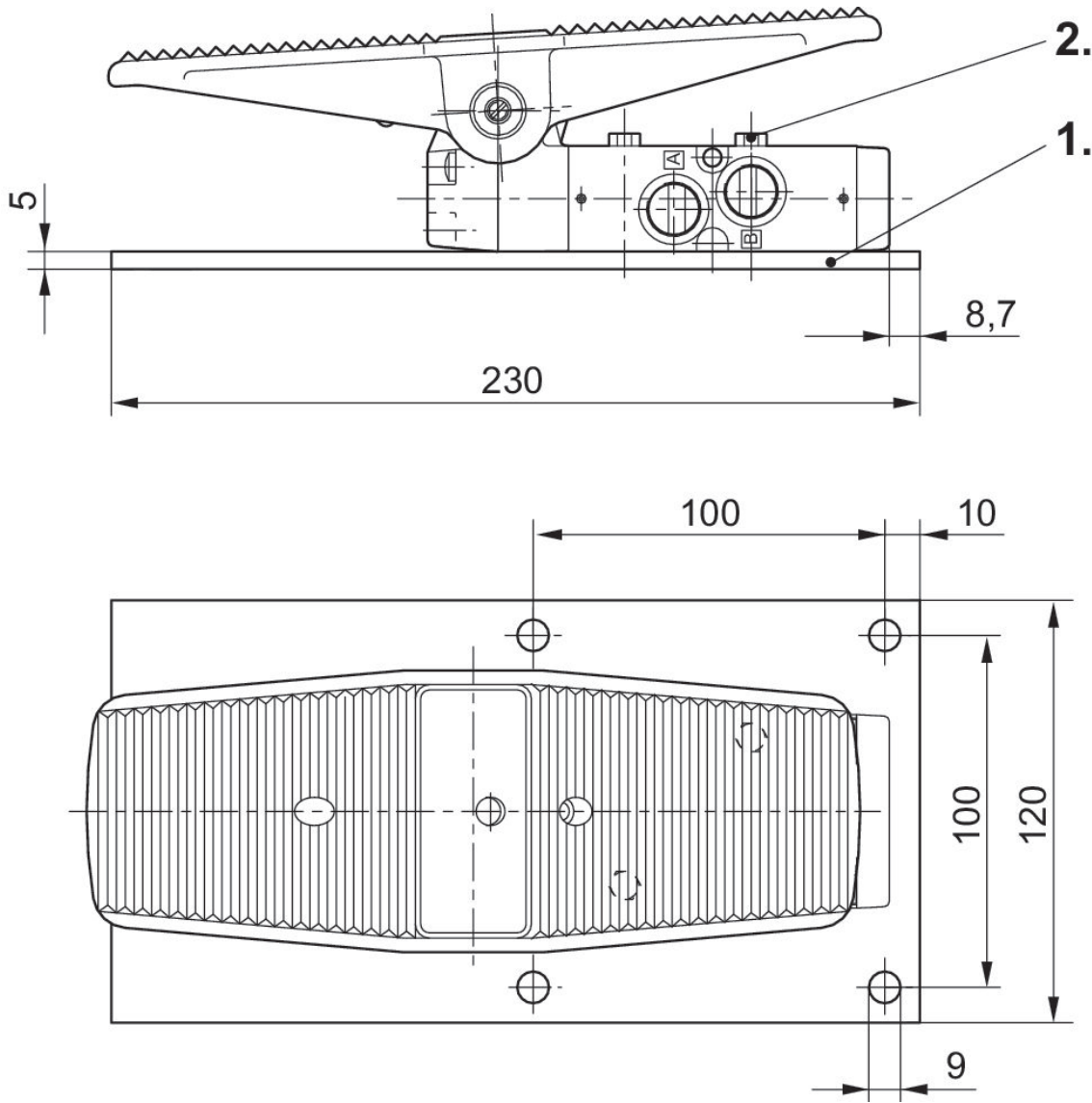


Accessories, Series CD07, mounting plate



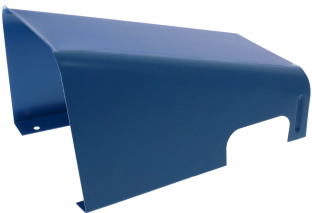
Type	Delivery unit [piece]	Part No.
Mounting plate	1	5631171004
Hexagon screw M5x35	1	8101260304

Dimensions



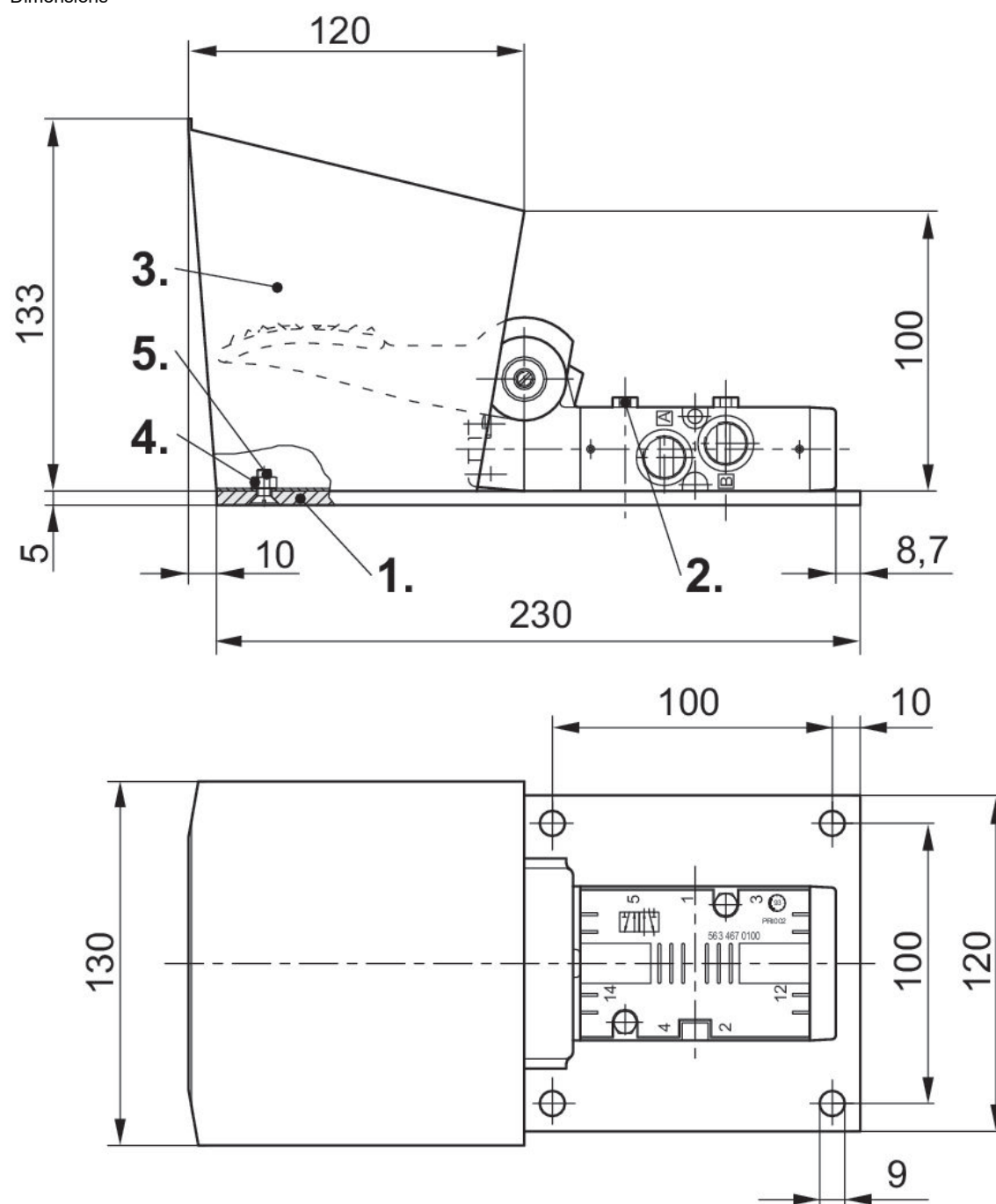
- 1) Mounting plate
- 2) Hexagon screw M5x35

Accessories, Series CD07, protective cover for valve foot pedal



Type	Delivery unit [piece]	Part No.
Protective cover	1	5631174514

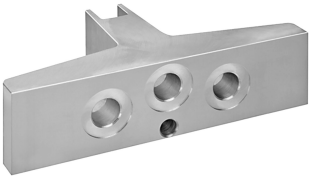
Dimensions



- 1) Mounting plate
- 2) Hexagon screw M5x35
- 3) Protective cover
- 4) Screw M5x12 (not included in scope of delivery)
- 5) Hexagonal nut M5 (not included in the delivery contents)

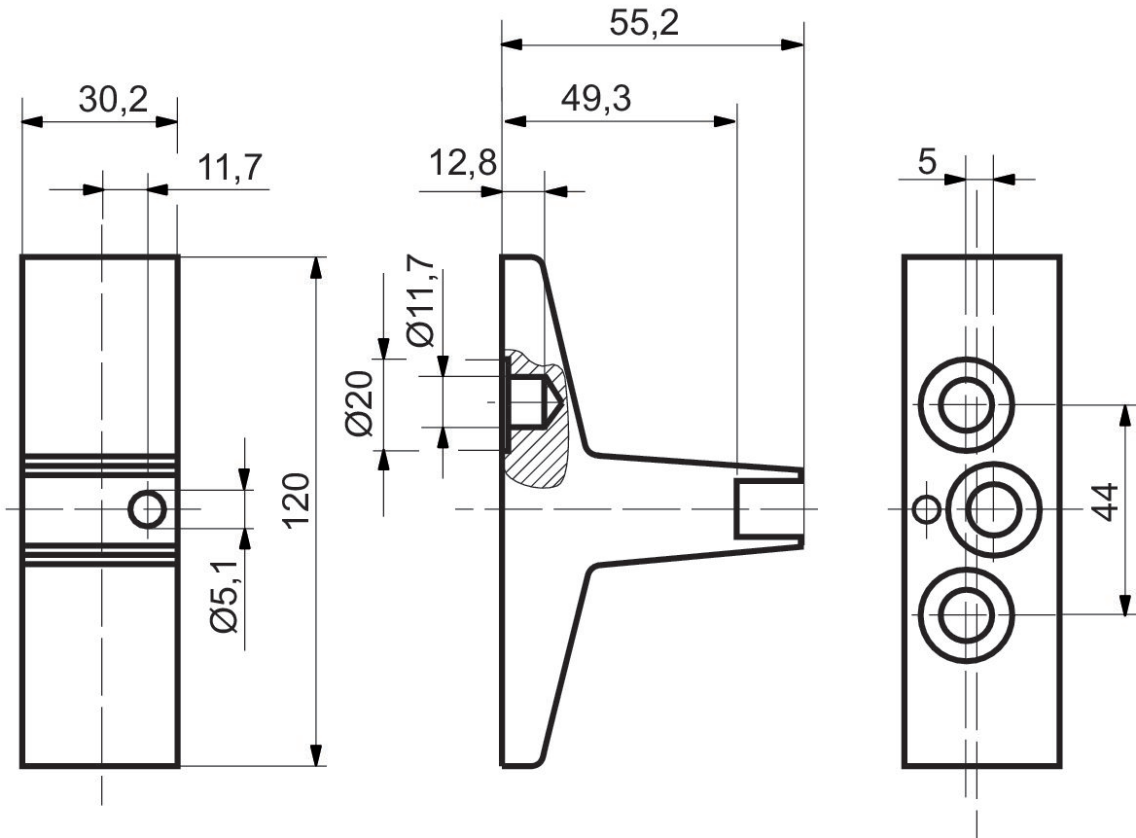
Blanking plate, for series CD07

Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 16 bar



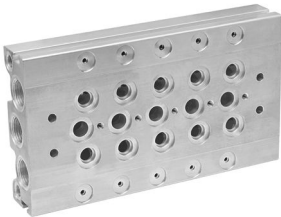
Max. number of valve positions	Part No.
1	3354601024

Dimensions



R, P, S subbase, Series CD07

Compressed air connection input: G 3/8
Compressed air connection, exhaust: G 3/8
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 16 bar

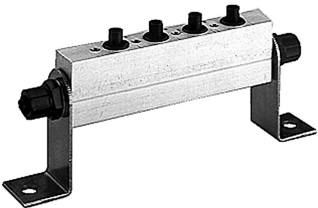


Min. ambient temperature [°C]	Max. ambient temperature [°C]	Compressed air connection input	Compressed air connection, exhaust	Compressed air connection pilot air	Max. number of valve positions	Part No.
-25	80	G 1/2	G 1/2	G 1/8	4	8985072042
-25	80	G 1/2	G 1/2	G 1/8	6	8985072062
-25	80	G 1/2	G 1/2	G 1/8	8	8985072082
-25	80	G 1/2	G 1/2	G 1/8	10	8985072102
-25	80	G 1/2	G 1/2	G 1/8	12	8985072122

Part No.	L1	L2	LN
8985072042	183	144	138
8985072062	245	206	200
8985072082	307	268	262
8985072102	369	330	324
8985072122	431	392	386

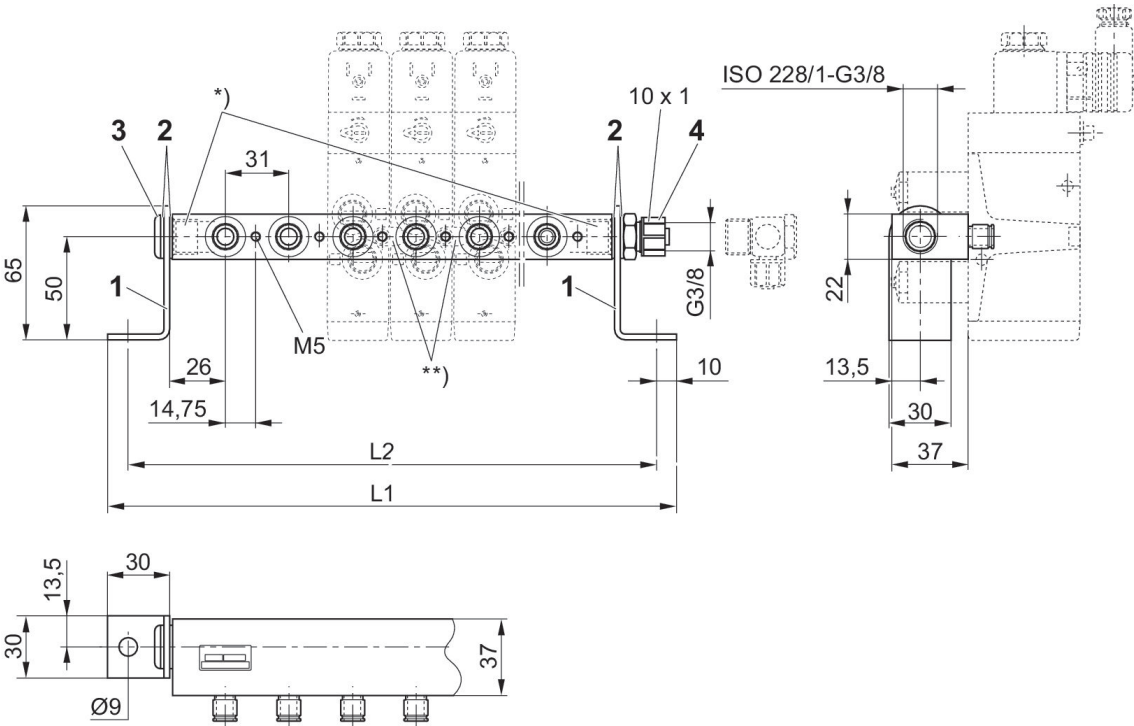
P-manifold

For series: CD07
Compressed air connection input: Ø 10x1
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: -0.95 bar
Max. working pressure: 16 bar



Min. ambient temperature [°C]	Max. ambient temperature [°C]	Compressed air connection input	Compressed air connection, exhaust	Max. number of valve positions	Part No.
-25	80	Ø 10x1	Ø 10x1	2	3337120222
-25	80	Ø 10x1	Ø 10x1	3	3337120232
-25	80	Ø 10x1	Ø 10x1	4	3337120242
-25	80	Ø 10x1	Ø 10x1	5	3337120252
-25	80	Ø 10x1	Ø 10x1	6	3337120262
-25	80	Ø 10x1	Ø 10x1	7	3337120272
-25	80	Ø 10x1	Ø 10x1	8	3337120282
-25	80	Ø 10x1	Ø 10x1	9	3337120292
-25	80	Ø 10x1	Ø 10x1	10	3337120302
-25	80	Ø 10x1	Ø 10x1	11	3337120312
-25	80	Ø 10x1	Ø 10x1	12	3337120322

Dimensions



Angled bracket (1), seal DIN 7603 AI (2), blanking screw G 3/8 ISO 228/1 (3), push-in fittings G 3/8 ISO 228/1, diameter 10x1 (4)
* Only use fittings with max. length of thread engagement equal to 12 mm.
** Connection kit 3354600002 for 5/2- and 5/3-directional valves
Valve mounting screws (depending on the valve used): washer, screw, O-ring must be ordered separately.

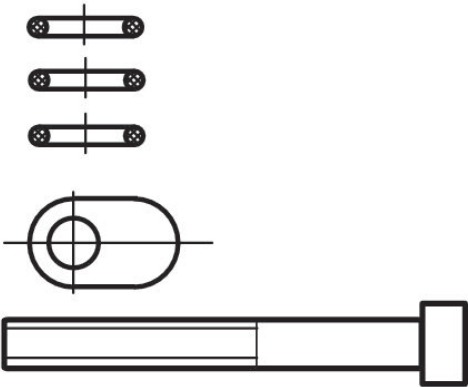
Part No.	L1	L2
3337120222	152	132
3337120232	183	163
3337120242	214	194
3337120252	245	225
3337120262	276	256
3337120272	307	287
3337120282	338	318
3337120292	369	349
3337120302	400	380
3337120312	431	411
3337120322	462	442

Accessories, Series CD07, R, P, S subbase

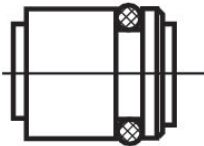


Type	Delivery unit [piece]	Weight [kg]	Part No.
Mounting kit for 10 valves, delivery includes: 30 seals, 10 washers, and 10 mounting screws.	1	0.125	3354600002
P plug	1	0.022	3354600082
R/S plug	1	0.023	3354600072
Seal for external pilot	1	0.001	8970810404

3354600002



3354600082



3354600072



8970810404



Silencers, series SI1, Sintered bronze

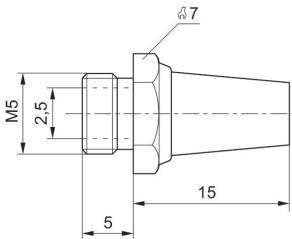
Compressed air connection type: External thread
Silencer material: Sintered bronze
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: 0 bar
Max. working pressure: 10 bar



G	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5	72	398	10	0.004	1827000006
M7			10	0.005	8140000700
M10x1	75	1747	1	0.011	5324001110
M12x1,5	80	3049	1	0.019	5324001170
M14x1,5	80	3390	1	0.018	5324001120
M22x1,5	85	7223	1	0.071	5324001140
G 1/8	75	1623	10	0.01	1827000000
G 1/4		5950	10	0.013	R412004817
G 1/4	79	3390	10	0.02	1827000001
G 3/8	84	6554	5	0.05	1827000002
G 1/2	90	7223	2	0.08	1827000003
G 3/4	92	8394	1	0.13	1827000004
G 1	102	12848	1	0.18	1827000005

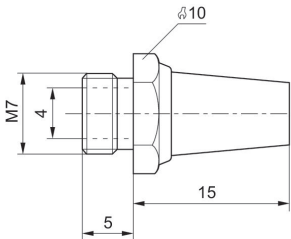
1827000006

Dimensions in mm



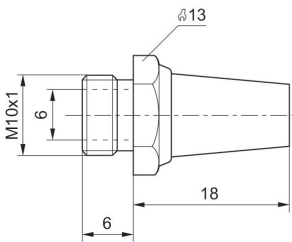
8140000700

Dimensions in mm



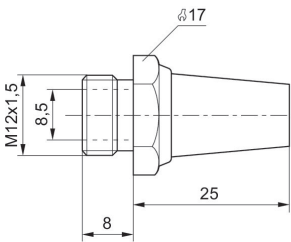
5324001110

Dimensions in mm



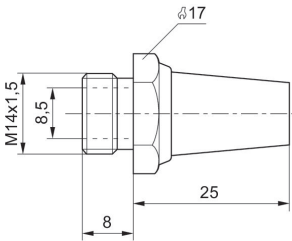
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Dimensions in mm



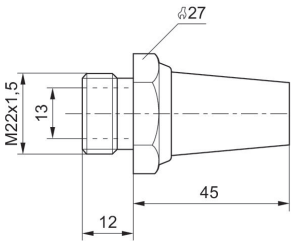
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Dimensions in mm



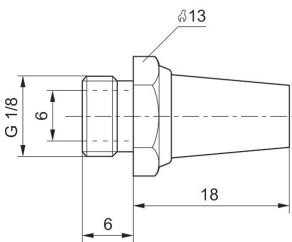
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Dimensions in mm



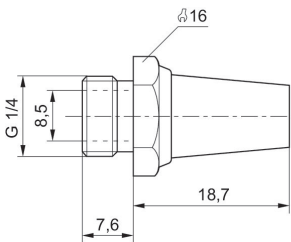
1827000000

Dimensions in mm



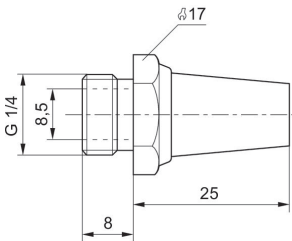
R412004817

Dimensions in mm



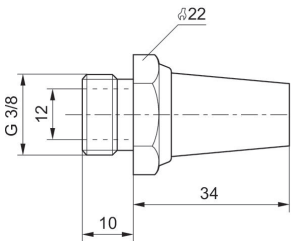
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Dimensions in mm



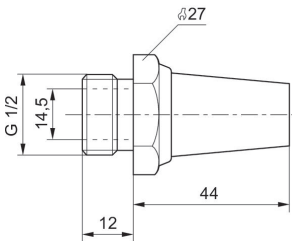
1827000002

Dimensions in mm



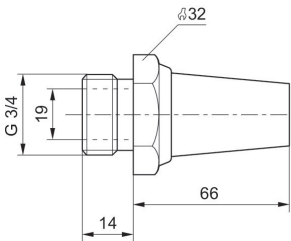
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Dimensions in mm



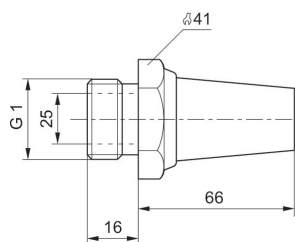
1827000004

Dimensions in mm



1827000005

Dimensions in mm



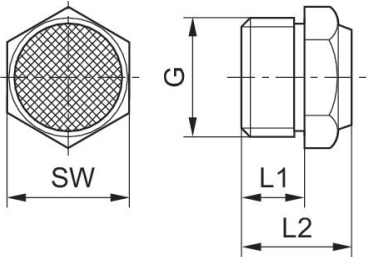
Silencers, series SI1, Sintered bronze

Compressed air connection type: External thread
Silencer material: Sintered bronze
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: 0 bar
Max. working pressure: 10 bar



G	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5	79	252	10	0.005	1827000032
G 1/8	85	700	10	0.001	1827000031
G 1/4	88	1116	10	0.01	1827000033
G 3/8	90	1706	5	0.016	1827000034
G 1/2	85	2568	2	0.035	1827000035
G 3/4	82	3260	1	0.095	8145003400
G 1	82	9485	1	0.057	8145001000

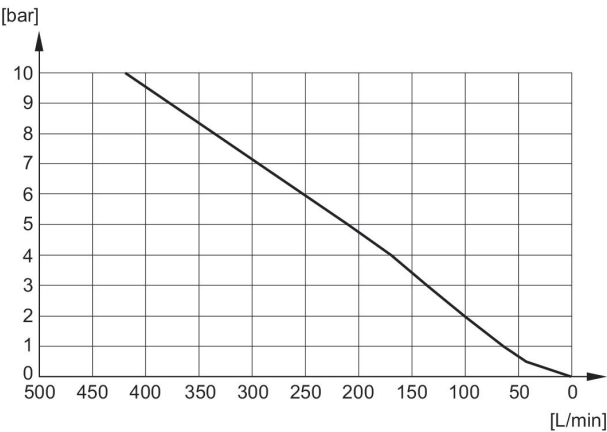
Dimensions



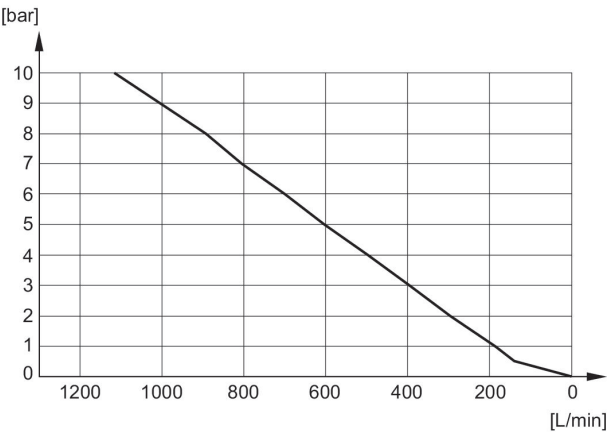
Part No.	Port G	L1	L2	SW
1827000032	M5	5	10.3	7
1827000031	G 1/8	6	11.5	13
1827000033	G 1/4	8	13.5	17
1827000034	G 3/8	10	17.5	22
1827000035	G 1/2	12	19.5	27
8145003400	G 3/4	14	22.5	32
8145001000	G 1	16	22.5	41

Sound pressure level measured at 6 bar at 1 m distance

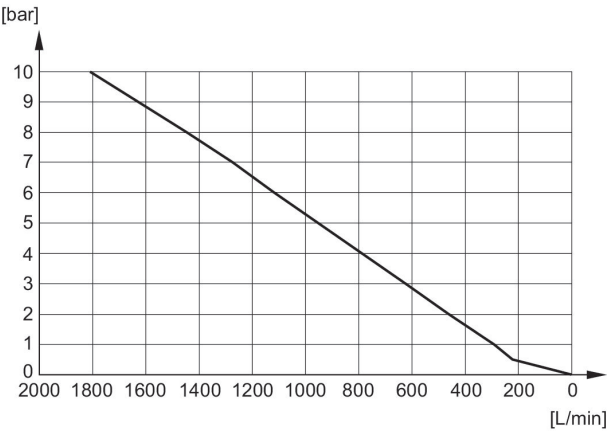
Flow diagram R412024742, R412024749, R412010090



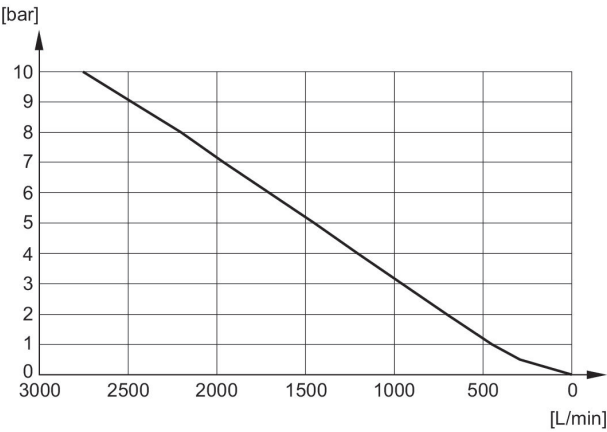
Flow diagram R412024742, R412024749, R412010090



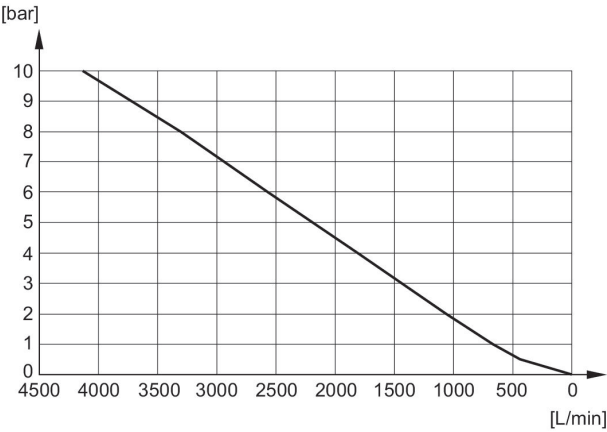
Flow diagram R412024742, R412024749, R412010090



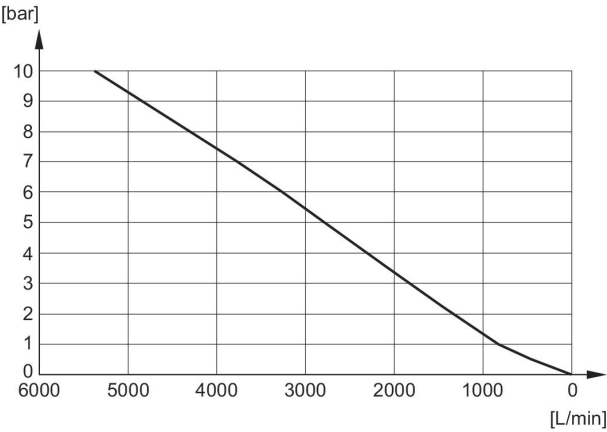
Flow diagram R412024742, R412024749, R412010090



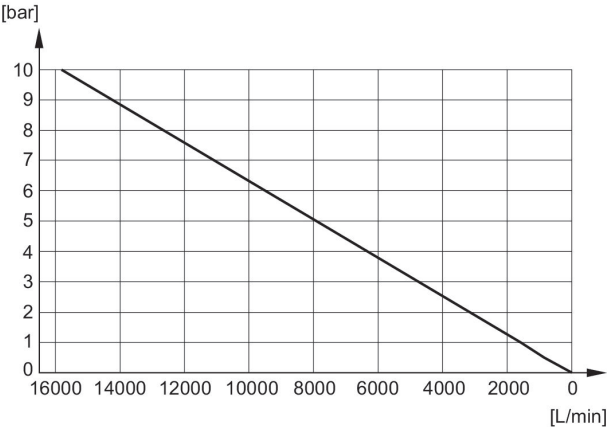
Flow diagram R412024742, R412024749, R412010090



Flow diagram R412024742, R412024749, R412010090



Flow diagram R412024742, R412024749, R412010090



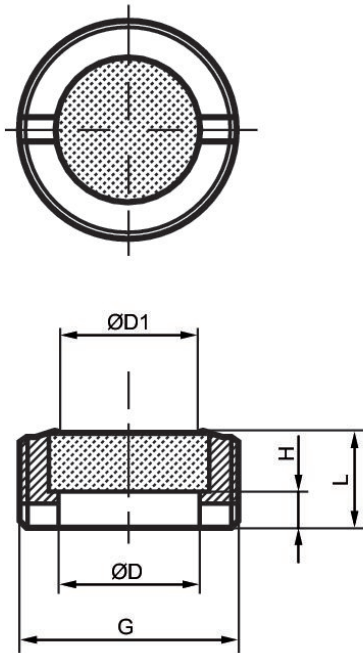
Silencers, series SI1, Sintered bronze

Compressed air connection type: External thread
Silencer material: Sintered bronze
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: 0 bar
Max. working pressure: 10 bar



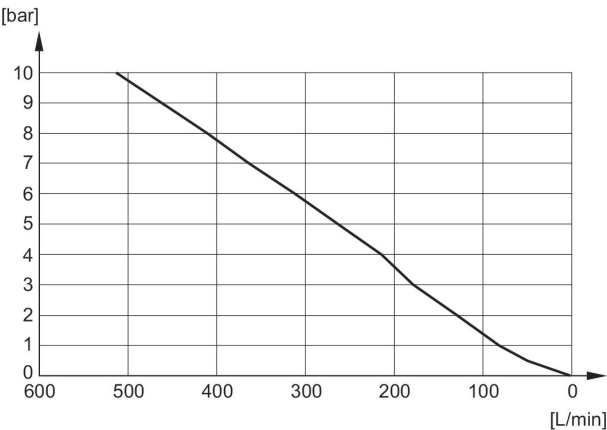
G	Nominal flow [l/min]	Delivery unit [piece]	Part No.
G 1/8	311	10	1827430004
G 1/4	553	10	R414000155
G 3/8	743	5	R412007875
G 1/2	1343	2	R412007876
G 3/4	3585	2	R412007877
G 1	5012	2	R412007878

Dimensions

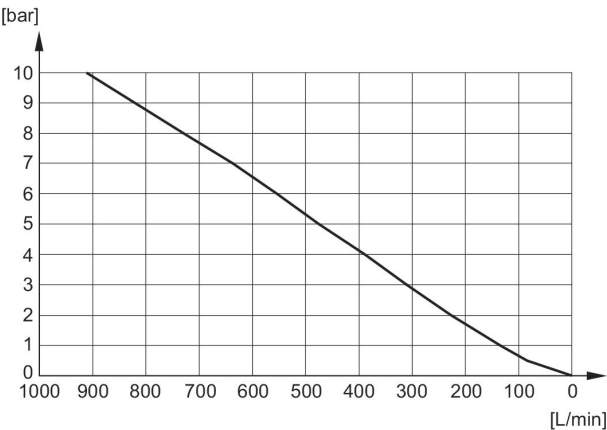


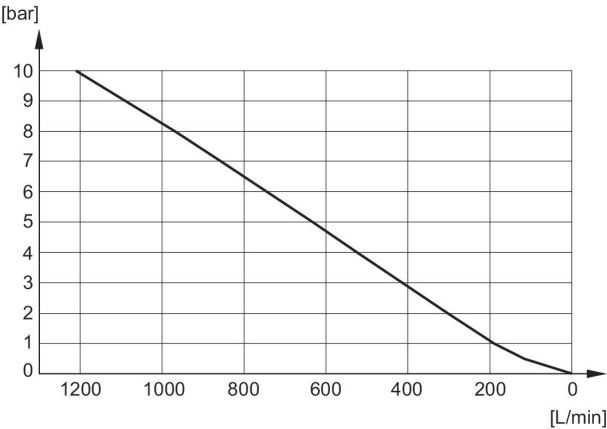
Part No.	Port G	$\varnothing D$	$\varnothing D1$	H	L
1827430004	G 1/8	6	5	2	4
R414000155	G 1/4	8	6	3	6
R412007875	G 3/8	10	8	3	7
R412007876	G 1/2	15	12	5	9
R412007877	G 3/4	20	17	3.4	8
R412007878	G 1	26	23	5.5	9.5

Flow diagram R412024742, R412024749, R412010090

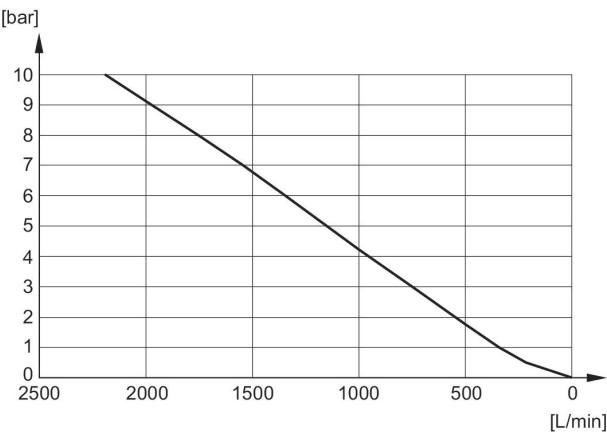


Flow diagram R412024742, R412024749, R412010090

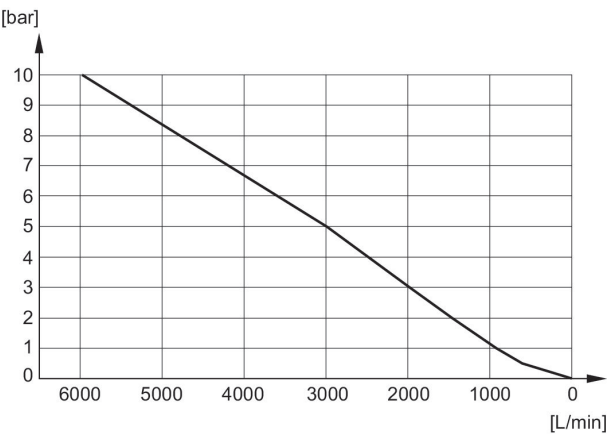




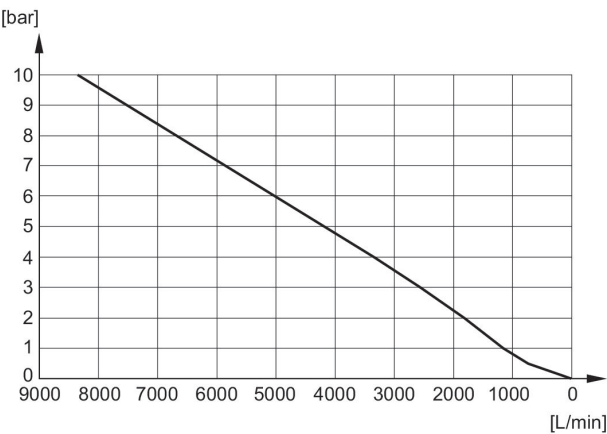
Flow diagram R412024742, R412024749, R412010090



Flow diagram R412024742, R412024749, R412010090



Flow diagram R412024742, R412024749, R412010090



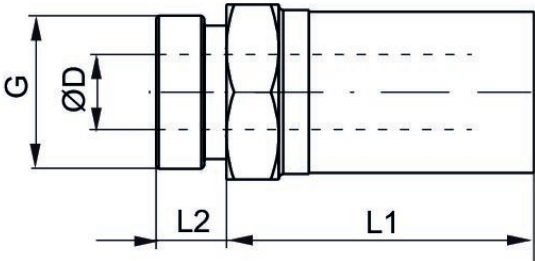
Silencers, series SI1, Stainless Steel

Compressed air connection type: External thread
Silencer material: Stainless Steel
Min. ambient temperature: -20 °C
Max. ambient temperature: 150 °C
Min. working pressure: 0 bar
Max. working pressure: 10 bar



G	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5	85	73	1	0.003	R412010090
G 1/8	90	1312	1	0.011	R412010081
G 1/4	93	1852	1	0.021	R412010082
G 3/8	101	2678	1	0.028	R412010083
G 1/2	95	5649	1	0.048	R412010084
G 3/4	110	5945	1	0.076	R412010085
G 1	100	7206	1	0.099	R412010086

Dimensions



Part No.	Port G	SW	Ø D	L1	L2
R412010090	M5	9	3.1	16.5	5
R412010081	G 1/8	12	6.6	21.5	7
R412010082	G 1/4	15	8.6	24	9
R412010083	G 3/8	19	12.1	31	9
R412010084	G 1/2	23	15.3	38.5	9.5
R412010085	G 3/4	30	19.3	47.5	11
R412010086	G 1	36	25.5	56	15

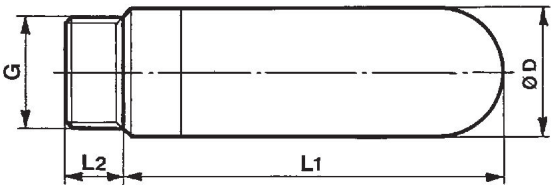
Silencers, series SI1, Polyethylene

Compressed air connection type: External thread
Silencer material: Polyethylene
Min. ambient temperature: -25 °C
Max. ambient temperature: 80 °C
Min. working pressure: 0 bar
Max. working pressure: 10 bar



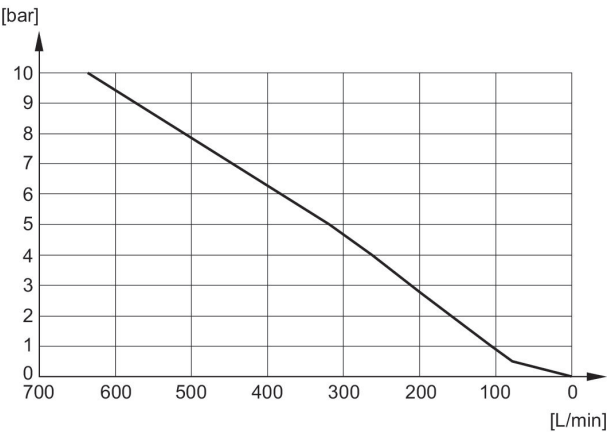
G	Sound pressure level [dB]	Nominal flow [l/min]	Delivery unit [piece]	Weight [kg]	Part No.
M5		381	5	0.001	1827000018
G 1/8	78	1560	5	0.002	1827000019
G 1/4	80	3447	5	0.003	1827000020
G 3/8	85	5682	2	0.008	1827000021
G 1/2	88	7142	1	0.013	1827000022
G 3/4		8356	1	0.04	1827000023
G 1		13329	1	0.055	1827000024

Dimensions

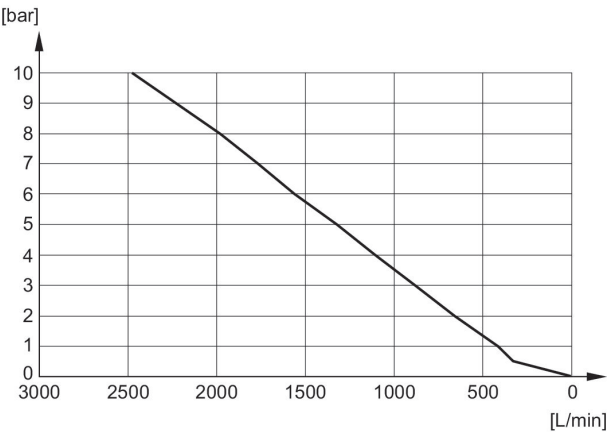


Part No.	Port G	Ø D	L1	L2
1827000018	M5	6.5	17.5	4
1827000019	G 1/8	12.5	28.5	5.5
1827000020	G 1/4	15.5	34.5	8
1827000021	G 3/8	18.5	56	11.5
1827000022	G 1/2	23.3	66.5	11
1827000023	G 3/4	38.5	115.5	16
1827000024	G 1	49	140	21

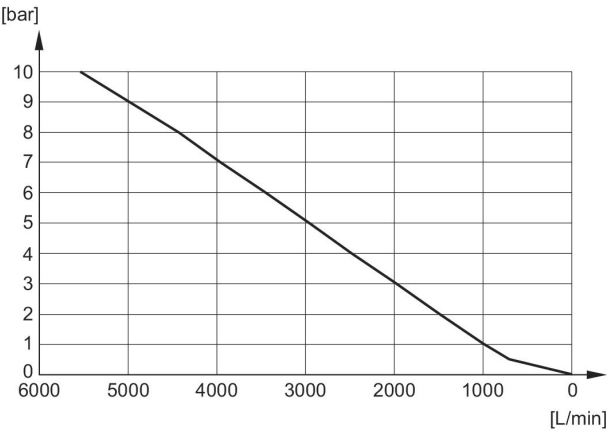
Flow diagram R412024742, R412024749, R412010090



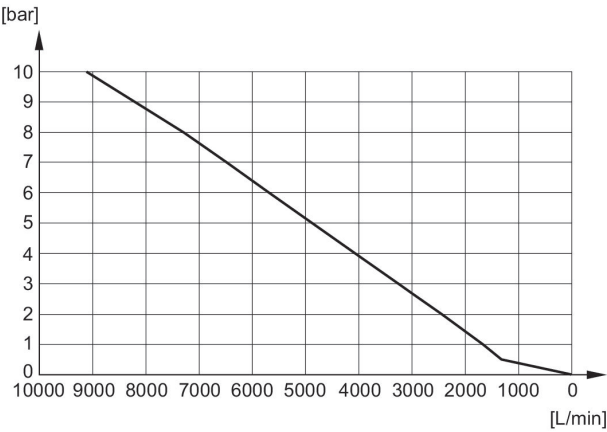
Flow diagram R412024742, R412024749, R412010090



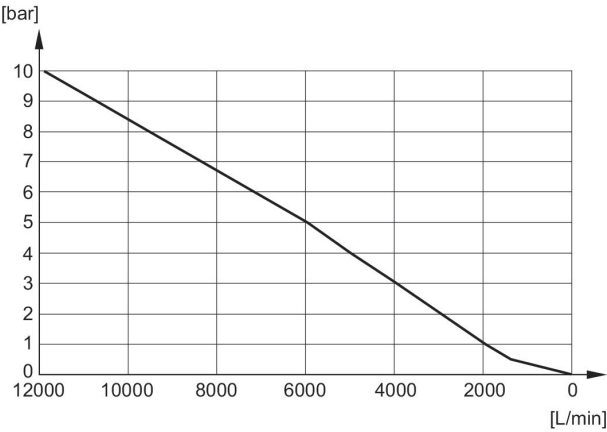
Flow diagram R412024742, R412024749, R412010090



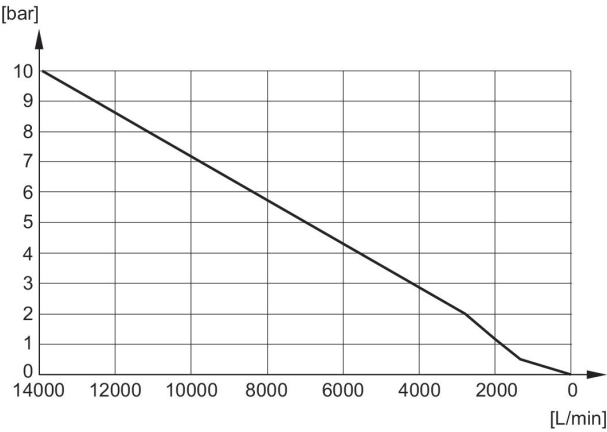
Flow diagram R412024742, R412024749, R412010090



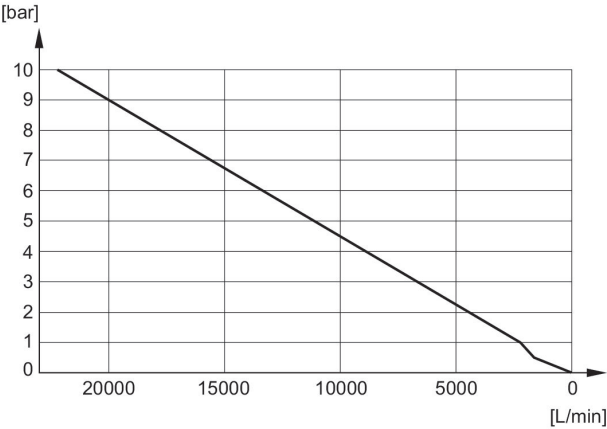
Flow diagram R412024742, R412024749, R412010090



Flow diagram R412024742, R412024749, R412010090



Flow diagram R412024742, R412024749, R412010090



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