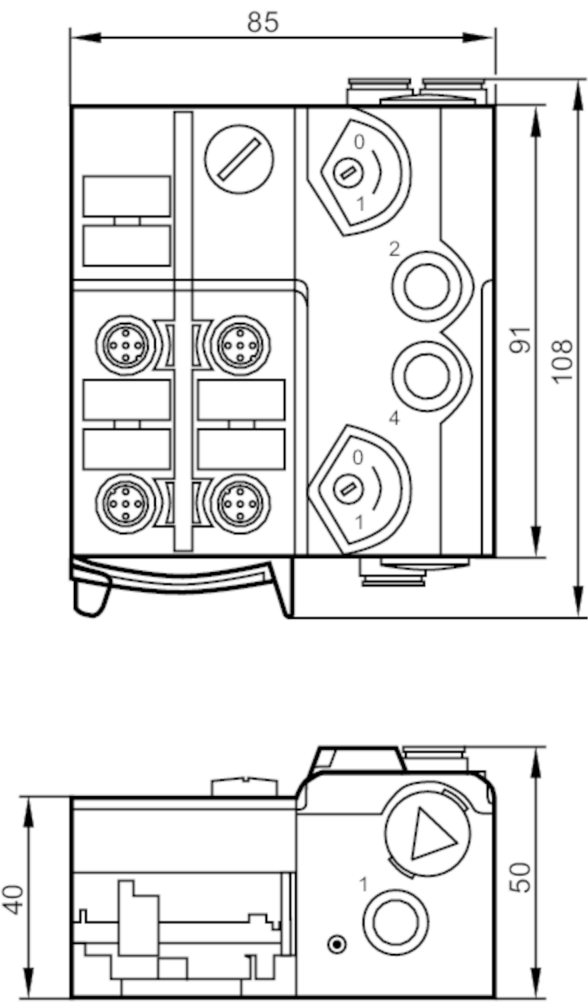




AS-Interface Airbox with quick mounting technology

AirBox 2x3/2 4DI-Y IP67 AUX



Application	
Application	field installation
Medium temperature [°C]	-10...50
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	280
Additional voltage supply [V]	18...30 DC; (to PELV)
Additional voltage supply	required
Max. current consumption from additional supply [mA]	10
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of pneumatic outputs: 2

AirBox 2x3/2 4DI-Y IP67 AUX

Mechanical data			
Weight	[g]	381.5	
Housing		housing for DIN rail mounting	
Type of mounting		quick mounting	
Dimensions	[mm]	108 x 85 x 50	
Materials		PA; POM; piercing contacts: CuSn6 nickel-plated and tin-plated	
Pneumatic system		2 x 3/2-way slide valves (free from overlapping)	
Operating pressure range		2...8 bar	0.2...0.8 MPa 29...116 psi
Air flow at 6/5 bar	[l/min]	500	
Permissible compressed air		non-lubricated compressed air class 6-3-1; lubricated compressed air class 6-3-4	

AC5243



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Manual override	pressing/releasing or pressing/turning/locking	
Tube fittings	8 mm	
Exhaust	exhaust can be discharged through tube connection	
Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow
Electrical connection		
Module connection	Flat cables	
Accessories		
Items supplied	lower part	
Accessories (optional)	Mounting plate:, E74999	
	Module lower part:, E75000	
	Protective cap: M12, E73004	
	sealing plugs:, E75231	
	silencer:, E75232	
	Push-in L-fitting:, E75228	
	Push-in T-fitting:, E75227	
Remarks		
Remarks	If not pneumatically operated, E75231 sealing plug must be inserted.	
	Avoid ingress of dirt and dust.	
	Do not connect any of the following points to an external potential:	
	L-, L+, I-1, I-2, I-3, I-4	
	The connections are electrically connected with the AS-i cable.	
	Please see the notes on compressed air and EMC/ESD under "Downloads"	
Pack quantity	1 pcs.	



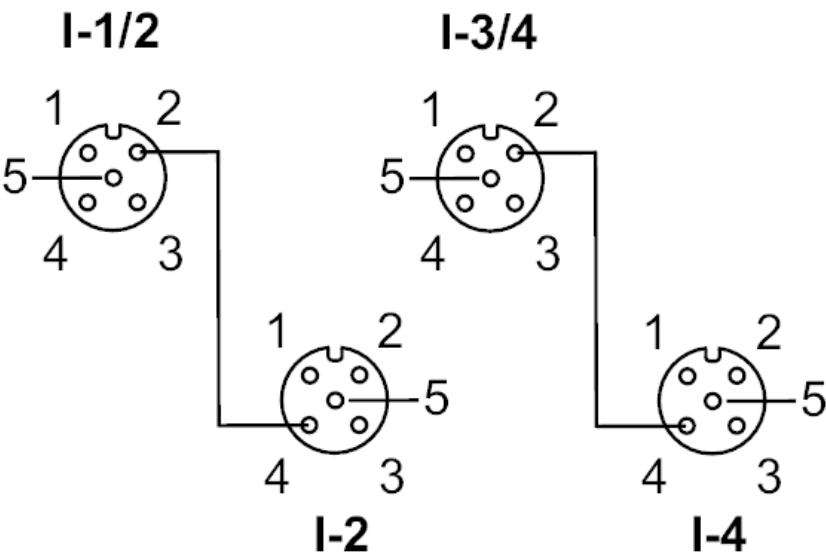
AS-Interface Airbox with quick mounting technology

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Electrical connection

quick mounting technology for AS-i flat cable: ; three orientations possible

Connection



Connector: M12

Inputs	
socket I-1/2	
1	Sensor supply L+
2	data input 2
3	Sensor supply L-
4	data input 1
5	not used
socket I-2	
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input 2
5	not used
socket I-3/4	
1	power supply L+
2	data input 4
3	Sensor supply L-
4	data input 3
5	not used
socket I-4	
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input 4
5	not used

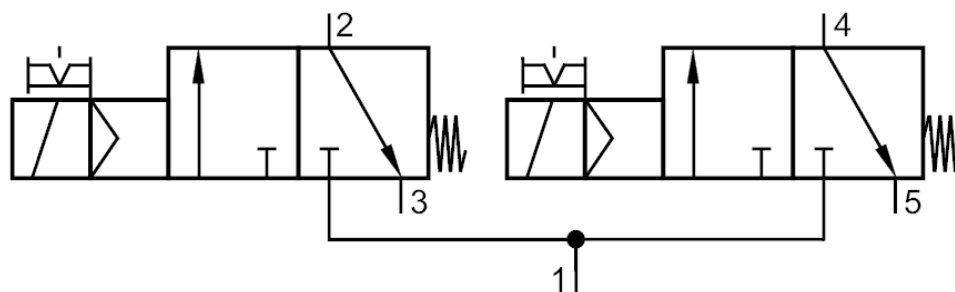


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AirBox 2x3/2 4DI-Y IP67 AUX

Diagrams and graphs

Pneumatic symbol



2 x 3/2-way slide valves (free from overlapping)