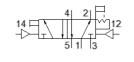
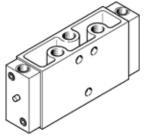
## pneumatic valve JH-5-1/4-EX Part number: 536036







## **Data sheet**

Feature	Value
Valve function	5/2 bistable
Type of actuation	pneumatic
Width	30.5 mm
Standard nominal flow rate	1,100 l/min
Operating pressure	0 8 bar
Design structure	Poppet seat
Protection class	IP65
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
ATEX category Gas	2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex h IIC T4 Gb
Explosion ignition protection type Dust	Ex h IIIC T130°C Db
Explosion-proof ambient temperature	-10°C <= Ta <= +60°C
Nominal size	7 mm
Grid dimension	32 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Type of piloting	direct
Pilot air supply	external
Flow direction	non reversible
Overlap	Underlap
Pilot pressure	1.2 10 bar
Max. switching frequency	12 Hz
Switching time reversal	7 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
Note on operating and phot medium	operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
Storage temperature	-20 60 °C
Medium temperature	-10 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 60 °C
Product weight	330 g
Mounting type	Optional
	on manifold rail
	with through hole
Scavenging orifice connection	M5
Pilot air port 12	G1/8
Pilot air port 14	G1/8
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Matarial bassis	TPE-U(PU)
Material housing	Aluminium die cast