

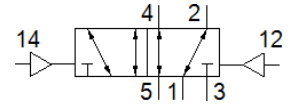
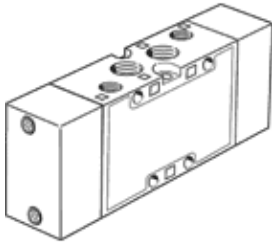
Pneumatic valve

J-5-3/8-B-EX

Part number: 536045
Classic - do not use for new projects

FESTO

5/2-way valve, bistable, pneumatically operated
Modern alternatives can be found by entering the first four characters of the type code in the search field.



Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	pneumatic
Width	40 mm
Standard nominal flow rate	2,000 l/min
Operating pressure MPa	-0.09 ... 1 MPa
Working pressure	-0.9 ... 10 bar
Design structure	Piston slide
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
ATEX category Gas	II 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
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Nominal size	12 mm
Grid dimension	41 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	None
Type of piloting	direct
Pilot air supply	external
Flow direction	reversible
Lap	Positive overlap
Max. switching frequency	3 Hz
Switching time reversal	3 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 operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-40 ... 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	550 g
Mounting type	with through hole
Pilot air port 12	G1/8
Pilot air port 14	G1/8
Pneumatic connection, port 1	G3/8

Feature	Value
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	G3/8
Pneumatic connection, port 5	G3/8
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminum die cast