DATASHEET

Pneumatic Valve J-5-1/8-B-EX - Festo 536043

Item no. FES-536043 | **Manufacturer Festo** | **EAN 4052568170721**

Festo valve for fast, reliable control of compressed-air direction and flow.

TECHNICAL DATA

Betriebsdruck max [bar]	**10.000000**
HS-Code	**84812090**
Pneumatischer Anschluss	**G1/8**
Weight	**0.27 kg**
Werkstoff	**Aluminium**

STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

Valve function	5/2 bistable
Actuation type	pneumatic
Build.width [mm]	26
Normal nominal flow [l/min]	1.000
Operating pressure [bar]	-0.9 to 10
Construction set up	Piston pusher
Nominal width [mm]	8
Pitch dimension [mm]	27
Exhaust function	Can be throttled
Sealing principle	Soft
installation position	arbitrary

Hand assist actuation	none
Control type	Direct
Control air supply	external
Flow direction	Reversible
Überdeckung	positive Überdeckung
Control pressure [bar]	2 to 10
Max. switching frequency [Hz]	3
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	1 - low corrosion stress
Bearing temperature [°C]	-40 to 60
Medium temperature [°C]	-10 to 60
control medium	Compressed air to ISO 8573-1:2010 [7:4:4]
ambient temperature [°C]	-10 to 60
Product weight [g]	320
Fastening type	With throughway bores
Control air 14 connection	G1/8
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Pneumatic connection 3	G1/8
Pneumatic connection 4	G1/8
Pneumatic connection 5	G1/8
Material information	RoHs compliant
Seals material	NBR
Housing material	Aluminium die casting
Shifting time um [ms]	3
Control air 12 connection	G1/8
CE certificate (see declaration of conformity)	to EU EX protection directive (ATEX)
ATEX gas category	II 2G
ATEX dust category	II 2D
Ex ignition protection type gas	Ex h IIC T4 Gb
Ex ignition protection type dust	Ex h IIIC T130°C Db
Ex ambient temperature	-10°C <= Ta <= +60°C