

Solenoid Valve MFH-5-1/8-B-EX - Festo 535918

Item no. FES-535918

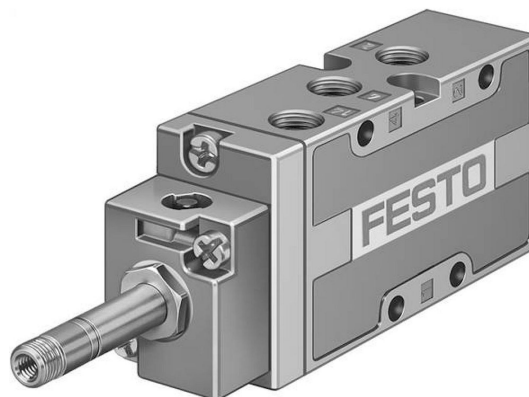
Manufacturer Festo

EAN 4052568169688

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

TECHNICAL DATA

Actuation type	Electrical
Betriebsdruck max [bar]	10.000000
Corrosion resistance class CRC	1 - low corrosion stress
Design	Plate seat
Dichtmaterial	NBR, TPE-U(PU)
Durchfluss [l/min]	750
Funktion	5/2 monostable
HS-Code	84812090
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Nennweite DN [mm]	5
Pneumatic connection	G1/8
Protection rating	IP65
Series	MFH
Temperature (max.)	40
Weight	0.22 kg



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 monostable
Actuation type	Electrical
Build.width [mm]	26
Normal nominal flow [l/min]	750
Operating pressure [bar]	2 to 10
Construction set up	Plate seat
Reset mode	Mechanical spring
Nominal width [mm]	5

esd.equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

esd.equipment

Page 1/3

Pitch dimension [mm]	27
Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	tentative
Control type	pilot operated
Control air supply	Internal
Flow direction	Not reversible
Überdeckung	negative Überdeckung
b-value	0.34
C-value [l/sbar]	3,00
Max. switching frequency [Hz]	3
Shifting time off [ms]	30
Shifting time on [ms]	10
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]	-5 to 40
ambient temperature [°C]	-5 to 40
Product weight [g]	250
Fastening type	With throughway bores
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 TPE-U(PU)
Housing material	Aluminium die casting
Max. positive test impulse at 0 signal [µs]	2.200
Max. negative test impulse for 1 signal [µs]	3.700
Exhaust control connection 84	M5
Electrical connection	Via f-coil, order separately
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	-5°C <= Ta <= +40°C
Protection category	IP65