

Solenoid Valve VMPA2-M1BH-X-PI - Festo 8022039

Item no. FES-8022039

Manufacturer Festo

EAN 4052568257354

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
HS-Code	84812090
Schutzart	IP65
Weight	0.1 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

IEC 60529 ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27

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	3/2 closed monostable
Actuation type	Electrical
Valve size [mm]	20
Normal nominal flow [l/min]	350
Operating pressure [bar]	-0.9 to 10
Construction set up	Piston pusher
Reset mode	Pneumatic spring
Permission	c UL us - Recognized (OL)
Protection category	IP65 acc. to IEC 60529
Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	Ratcheting tentative

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Control type	pilot operated
Flow direction	Reversible
Überdeckung	positive Überdeckung
Signal condition display	yes
Control pressure [bar]	3 to 8
Vacuum capable	yes
Shifting time off [ms]	22
Shifting time on [ms]	13
Max. positive test impulse at 0 signal [µs]	400
Max. negative test impulse for 1 signal [µs]	900
Permitted voltage oscillations	± 25 %
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)
Oscillation strength	Transport use test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with degree of severity 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistant class KBK	1 - low corrosion stress
Bearing temperature [°C]	-20 to 40
Medium temperature [°C]	-5 to 50
Relative humidity	max. 90 % at 40 °C
ambient temperature [°C]	-5 to 50
Max. tightening torque Valve fastening [Nm]	0,65
Product weight [g]	100
Fastening type	With throughway bores
Material information	RoHs compliant
Seals material	NBR
Housing material	Aluminium die casting
Normal nominal flow with QS 10 [l/min]	350