

Solenoid Valve VMPA2-M1H-G-G1/8-PI - Festo 537966

Item no. FES-537966

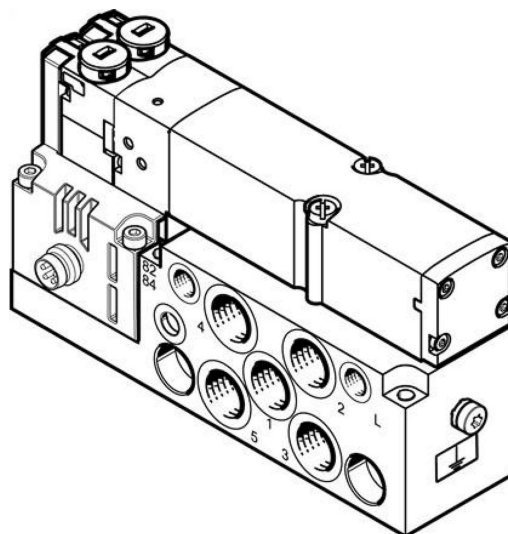
Manufacturer Festo

EAN 4052568174903

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
HS-Code	84812090
Pneumatischer Anschluss	G1/8
Schutzart	IP65
Weight	0.37 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

IEC 60529 ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27 EN 60947-5-2

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	5/3 closed
Actuation type	Electrical
Valve size [mm]	20
Normal nominal flow [l/min]	610
Operating pressure [bar]	3 to 8
Construction set up	Piston pusher
Reset mode	Mechanical spring
Permission	c UL us - Recognized (OL)
CE certificate (see declaration of conformity)	to EU EMC directive
Protection category	IP65 In mounted condition acc. to IEC 60529
Exhaust function	Can be throttled

Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	Ratcheting tentative
Control type	pilot operated
Control air supply	Internal
Flow direction	Not reversible
Überdeckung	positive Überdeckung
Signal condition display	yes
Control pressure [bar]	3 to 8
Vacuum capable	no
Shifting time off [ms]	40
Shifting time on [ms]	10
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]	325
Electrical connection	M8x1 4 pin acc. to EN 60947-5-2 Plug
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
Housing material	Aluminium die casting
Shifting time um [ms]	21
Normal nominal flow with QS-8 [l/min]	610