Solenoid Valve VMPA2-M1H-J-PI - Festo 537953

Item no.	**FES-537953**	**Manufacturer**	**Festo**
Manufacturer no.	**VMPA2-M1H-J-PI**	**EAN**	**4052568005634**

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

TECHNICAL DATA

Article authenticity	**Original product**
Betriebsdruck max [bar]	**10.000000**
Condition of article	**New**
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	5/2 bistable
Actuation type	Electrical
Valve size [mm]	20
Normal nominal flow [l/min]	670
Operating pressure [bar]	-0.9 to 10
Construction set up	Piston pusher
Permission	c UL us - Recognized (OL)
Protection category	IP65 acc. to IEC 60529
Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	Ratcheting tentative

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 on [ms]	9
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
Shifting time um [ms]	22
Normal nominal flow with QS-8 [l/min]	670
Normal nominal flow with QS 10 [l/min]	860