

Solenoid Valve VMPA1-M1H-MU-PI - Festo 553113

Item no.	FES-553113	Manufacturer	Festo
Manufacturer no.	VMPA1-M1H-MU-PI	EAN	4052568095727

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	0.035 kg
Werkstoff	Polyamid (PA)



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 monostable
Actuation type	Electrical
Valve size [mm]	10
Normal nominal flow [l/min]	140 bis 190
Operating pressure [bar]	-0.9 to 10
Construction set up	Poppet valve with reset spring
Reset mode	Mechanical spring
Permission	c UL us - Recognized (OL)
Protection category	IP65 In mounted condition acc. to IEC 60529
Sealing principle	Soft

installation position	arbitrary
Hand assist actuation	Ratcheting tentative
Control type	pilot operated
Flow direction	Reversible
Überdeckung	negative Überdeckung
Signal condition display	yes
Control pressure [bar]	4 to 8
Vacuum capable	yes
Normal nominal flow with QS-6 [l/min]	140 bis 190
Shifting time off [ms]	14
Shifting time on [ms]	10
Max. positive test impulse at 0 signal [µs]	400
Max. negative test impulse for 1 signal [µs]	200
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	3 - severe 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]	0,25
Product weight [g]	35
Fastening type	With throughway bores
Material information	RoHs compliant
Seals material	NBR
Housing material	PPA reinforced
Hinweis zum Normalnennendurchfluss	1->4: 140 l/min 1->2: 190 l/min
Certified awarding point	UL MH19482