

Solenoid Valve VMPA14-M1H-W-PI - Festo 573723

Item no. FES-573723

Manufacturer Festo

EAN 4052568260231

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	0.075 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 open monostable
Actuation type	Electrical
Valve size [mm]	14
Normal nominal flow [l/min]	300 bis 340
Operating pressure [bar]	-0.9 to 10
Construction set up	Piston pusher
Reset mode	Pneumatic spring
Permission	c CSA us (OL) 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	positive Überdeckung
Signal condition display	yes
Control pressure [bar]	3 to 8
Vacuum capable	yes
Shifting time off [ms]	20
Shifting time on [ms]	12
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	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]	77
Fastening type	With throughway bores
Material information	RoHs compliant
Seals material	NBR
Housing material	Aluminium die casting
Normal nominal flow with QS-8 [l/min]	300 bis 340
Hinweis zum Normalnenndurchfluss	MPA-S: 340 l/min MPA-L: 300 l/min
CE certificate (see declaration of conformity)	to EU EMC directive