

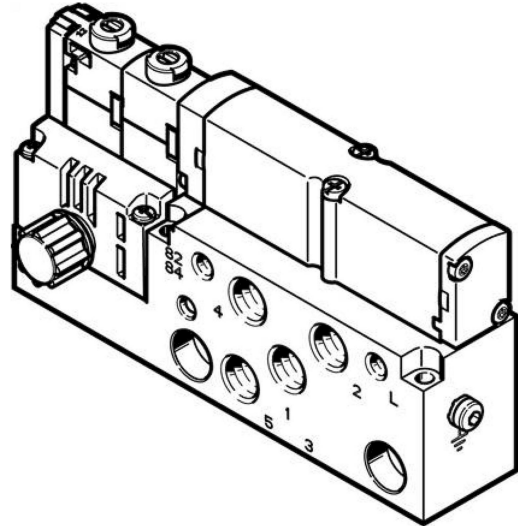
Solenoid Valve VMPA14-M1H-E-G1/8-PI - Festo 8023545

Item no. FES-8023545 Manufacturer Festo EAN 4052568278601

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	0.26 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 vented
Actuation type	Electrical
Valve size [mm]	14
Normal nominal flow [l/min]	460
Operating pressure [bar]	3 to 8
Construction set up	Piston pusher
Reset mode	Mechanical spring
Permission	c CSA us (OL) c UL us - Recognized (OL)
CE certificate (see declaration of conformity)	to EU EMC directive
Protection category	IP65 acc. to IEC 60529
Exhaust function	Can be throttled
Sealing principle	Soft

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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]	50
Shifting time on [ms]	13
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]	255
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 μm [ms]	26
Normal nominal flow with QS-8 [l/min]	460