

Solenoid Valve MHP3-M1H-3/2G-QS-6 - Festo 525142

Item no. FES-525142

Manufacturer Festo

EAN 4052568082741

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
HS-Code	84812090
Schutzart	IP65
Weight	0.15 kg
Werkstoff	Zink-Druckguss



STANDARDS & COMPLIANCE

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 closed monostable
Actuation type	Electrical
Build.width [mm]	14
Normal nominal flow [l/min]	200
Operating pressure [bar]	-0.9 to 8
Construction set up	Pressure-relieved poppet valve
Reset mode	Mechanical spring
Protection category	IP65
Permission	c UL us - Recognized (OL)
Nominal width [mm]	3
Pitch dimension [mm]	19

Exhaust function	Can be throttled
Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	tentative
Control type	Direct
Flow direction	Reversible with limitations
Überdeckung	negative Überdeckung
Operating pressure reversible [bar]	-0.9 to 1
Max. switching frequency [Hz]	130
Shifting time off [ms]	4,5
Shifting time on [ms]	8,3
Power-on time	100 %
Coil characteristic value	24 V DC: 3,7 W
Permitted voltage oscillations	± 10 %
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	2 - moderate corrosion stress
Medium temperature [°C]	-5 to 40
ambient temperature [°C]	-5 to 40
Product weight [g]	120
Electrical connection	2 pin Plug
Fastening type	on PR strip
Pneumatic connection 1	Connection plate
Pneumatic connection 2	QS-6
Pneumatic connection 3	Connection plate
Material information	Copper and PTFE-free RoHs compliant
Seals material	HNBR NBR
Housing material	Coated Zinc pressure cast
Screws material	Steel zinc plating