

Solenoid Valve JMDDH-5/2-D-3-M12-C - Festo 539081

Item no. FES-539081

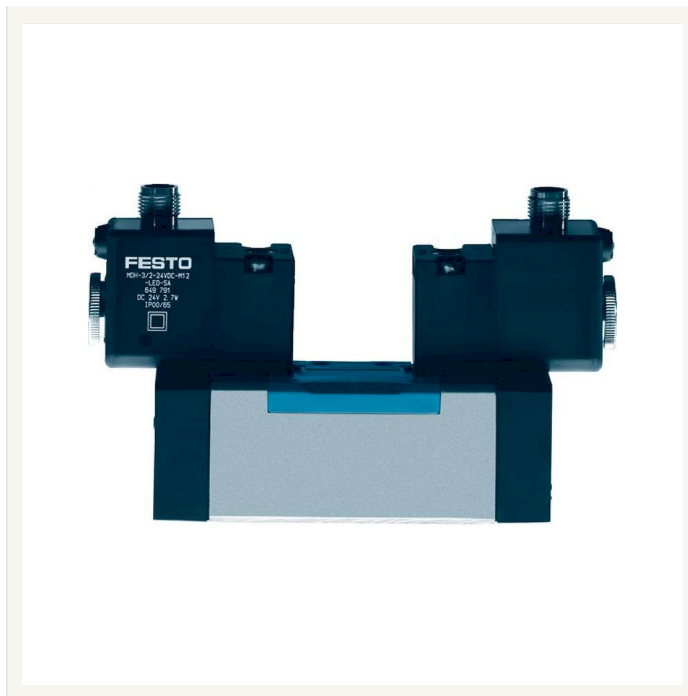
Manufacturer Festo

EAN 4052568259754

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	1.2 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010 ISO 5599-1 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 bi-stable dominated
Actuation type	Electrical
Build.width [mm]	65
Normal nominal flow [l/min]	4.500
Operating pressure [bar]	2 to 10
Construction set up	Piston pusher
Protection category	IP65
Nominal width [mm]	14,5
Pitch dimension [mm]	71
Exhaust function	Can be throttled
Sealing principle	Soft

installation position	arbitrary
Complies to standard	ISO 5599-1
Hand assist actuation	tentative
ISO-Code	369
Control type	pilot operated
Control air supply	Internal
Flow direction	Not reversible
Überdeckung	positive Überdeckung
Power-on time	100 %
Max. positive test impulse at 0 signal [µs]	3.800
Max. negative test impulse for 1 signal [µs]	4.900
Coil characteristic value	24 V DC: 2,7 W
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)
Medium temperature [°C]	-10 to 50
Sound level [dB(A)]	85
ambient temperature [°C]	-10 to 50
Product weight [g]	1.100
Electrical connection	M12x1
Fastening type	on connection plate With Throughway bore and screw
Exhaust control connection 84	M5
Pneumatic connection 1	Connection plate Size 3 to ISO 5599-1
Pneumatic connection 2	Connection plate Size 3 to ISO 5599-1
Pneumatic connection 3	Connection plate Size 3 to ISO 5599-1
Pneumatic connection 4	Connection plate Size 3 to ISO 5599-1
Pneumatic connection 5	Connection plate Size 3 to ISO 5599-1
Material information	RoHs compliant
Seals material	HNBR NBR
Housing material	Aluminium die casting
Shifting time um [ms]	23
Exhaust control connection 82	M5
Oscillation strength	Transport use test with severity level 1 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

Shifting time u_m (dominating) [ms]	23
Permitted voltage oscillations	$\pm 10 \%$