solenoid valve
JMDH-5/2-D-3-M12-C
Part number: 533015

FESTO

With M12 plug connection.
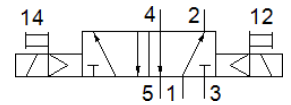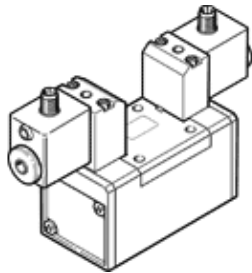
Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	electrical
Width	65 mm
Standard nominal flow rate	4,500 l/min
Operating pressure	2 … 10 bar
Design structure	Piston slide
Protection class	IP65
Nominal size	14.5 mm
Grid dimension	71 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 5599-1
Manual override	Pushing
ISO code	355
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Overlap	Positive overlap
Switching time reversal	21 ms
Duty cycle	100 %
Max. positive test pulse with logic 0	3,800 µs
Max. negative test pulse with logic 1	4,900 µs
Characteristic coil data	24 V DC: 2.7 W
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Vibration resistance	Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Medium temperature	-10 … 50 °C
Sound pressure level	85 dB(A)
Ambient temperature	-10 … 50 °C
Product weight	1,100 g
Electrical connection	M12x1
Mounting type	On sub-base With through-hole and screw
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pneumatic connection, port 1	Connection plate size 3 as per ISO 5599-1
Pneumatic connection, port 2	Connection plate size 3 as per ISO 5599-1
Pneumatic connection, port 3	Connection plate size 3 as per ISO 5599-1

Feature	Value
Pneumatic connection, port 4	Connection plate size 3 as per ISO 5599-1
Pneumatic connection, port 5	Connection plate size 3 as per ISO 5599-1
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminium die cast