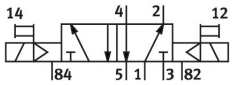
Solenoid valve
JMFH-5-1/4-B
Part number: 19789





Data sheet

Feature	Value
Valve function	5/2-way, double solenoid
Type of actuation	Electrical
Construction width	32 mm
Standard nominal flow rate (standardised to DIN 1343)	1600 l/min
pneumatic working port	G1/4
Operating pressure	0.2 MPa...1 MPa 2 bar...10 bar
Design	Piston gate valve
Nominal size	10 mm
Grid dimension	33 mm
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Manual override	Non-detenting
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	Non-reversible
lap	Overlap
b value	0.38
C value	6.35 l/sbar
Max. switching frequency	3 Hz
Switching time reversal	14 ms
Max. positive test pulse with 0 signal	2200 µs
Max. negative test pulse with 1 signal	3700 µs
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-40 °C...60 °C
Media temperature	-10 °C...60 °C
Ambient temperature	-5 °C...40 °C

Feature	Value
Product weight	460 g
Electrical connection	Via F coil, to be ordered separately
Type of mounting	Either: On PR rail With through-hole
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Note on materials	RoHS compliant
Material seals	NBR
Material housing	Die-cast aluminium