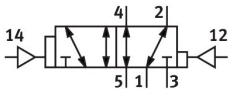
Pneumatic valve
JD-5/2-D-2-C

Part number: 151847



General operating condition

Data sheet

Feature	Value
Valve function	5/2-way, bistable, dominant
Type of actuation	Pneumatic
Construction width	54 mm
Standard nominal flow rate (standardised to DIN 1343)	2300 l/min
pneumatic working port	Sub-base size 2 to ISO 5599-1 G3/8
Operating pressure	-0.09 MPa ... 1.6 MPa
Operating pressure	-0.9 bar ... 16 bar
Design	Piston gate valve
Approval	UL - Recognized (OL)
Nominal size	11.5 mm
Grid dimension	56 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Conforms to standard	ISO 5599-1
Manual override	None
ISO code	203
Type of piloting	Direct
Flow direction	Reversible
Symbol	00991042
lap	Overlap
Pilot pressure	0.2 MPa ... 1.6 MPa
Pilot pressure	2 bar ... 16 bar
Switching time reversal	8 ms
Switching time reversal (dominating)	8 ms
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)
Vibration resistance	Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C ... 60 °C
Sound pressure level	85 dB(A)
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]

Feature	Value
Ambient temperature	-10 °C ... 60 °C
Product weight	550 g
Type of mounting	On sub-base Via through-hole and screw
Pilot air port 12	Sub-base size 2 to ISO 5599-1
Pilot air port 14	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 1	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 2	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 3	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 4	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 5	Sub-base size 2 to ISO 5599-1
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Die-cast aluminium