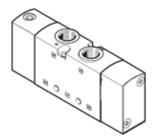
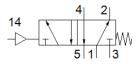
pneumatic valve VUWS-LT25-M52-M-N14 Part number: 8035221



Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	pneumatic
Valve size	26.5 mm
Standard nominal flow rate	1,000 l/min
Operating pressure MPa	0.25 1 MPa
Operating pressure	2.5 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Authorisation	c UL us - Recognized (OL)
Nominal size	6.6 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	None
Type of piloting	direct
Pilot air supply	Internal
Flow direction	non reversible
Overlap	Underlap
Pilot pressure MPa	0.25 1 MPa
Pilot pressure	2.5 10 bar
Switching time off	23 ms
Switching time on	8 ms
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 2 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
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 60 °C
Product weight	317 g
Mounting type	on manifold rail
·····································	with through hole
	Optional
Scavenging orifice connection	Non-ducted
Pilot air port 14	10-32 UNF-2B
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Pneumatic connection, port 3	1/4 NPT
Pneumatic connection, port 4	1/4 NPT
Pneumatic connection, port 5	1/4 NPT
	-
Materials note	Conforms to RoHS

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Feature	Value
Material seals	HNBR
	NBR
	TPE-U(PU)
Material housing	Aluminium die cast
	Painted
Material screws	Galvanised steel