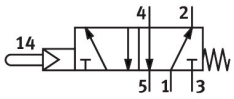
Stem actuated valve
VMEF-SC-M52-M-G18

Part number: 8031320





Data sheet

Feature	Value
Valve function	5/2-way, single solenoid
Type of actuation	Mechanical
Construction width	20 mm
Standard nominal flow rate (standardised to DIN 1343)	750 l/min
pneumatic working port	G1/8
Operating pressure	0.25 MPa...1 MPa 2.5 bar...10 bar
Design	Piston gate valve
Type of reset	Mechanical spring
Nominal size	5.2 mm
Instructions on use	Do not use as a mechanical stop
Sealing principle	Soft
Mounting position	Any
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	Non-reversible
lap	Overlap
Pilot pressure	0.25 MPa...1 MPa 2.5 bar...10 bar 36.25 psi...145 psi
Max. switching frequency	3 Hz
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Actuating force	14 N

Feature	Value
Product weight	151 g
Type of mounting	With through-hole
Pilot air port 12/14	M5
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Note on materials	RoHS compliant
Material cover	Reinforced PA
Material seals	NBR
Material housing	Anodised wrought aluminium alloy