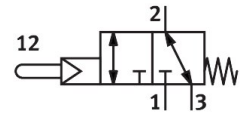


# Stem actuated valve VMEF-STC-M32-M-G18

Part number: 8031331

FESTO



[PDF General operating condition](#)

## Data sheet

Feature	Value
Valve function	3/2-way, single solenoid, closed
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	0.35 MPa ... 1 MPa
Operating pressure	3.5 bar ... 10 bar
Design	Poppet seat
Type of reset	Mechanical spring
Nominal size	5.6 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	Reversible
Symbol	00991291
lap	Zero lap
Pilot pressure	0.35 MPa ... 1 MPa
Pilot pressure	3.5 bar ... 10 bar
Pilot pressure	50.75 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
Product weight	131 g
Type of mounting	With through-hole
Pilot air port 12/14	M5

<b>Feature</b>	<b>Value</b>
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Note on materials	RoHS compliant
Material cover	Reinforced PA
Material seals	NBR
Material housing	Anodised wrought aluminium alloy