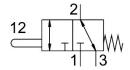
Stem actuated valve VMEF-ST-M32-M-G18

FESTO

Part number: 8031295





General operating condition

Type of actuation Mechanical Construction width 20 mm Standard nominal flow rate (standardised to DIN 1343) 750 I/min pneumatic working port G1/8 Operating pressure -0.095 MPa 1 MPa Operating pressure -0.95 bar 10 bar Operating pressure -0.95 bar 10 bar Operating pressure -0.95 bar 10 bar Operating pressure -0.95 har 10 bar Operating principle -0.5 oft -0.00 hard -0.00	Feature	Value
Construction width Standard nominal flow rate (standardised to DIN 1343) 750 l/min pneumatic working port G1/8 Operating pressure O.905 MPa 1 MPa Operating pressure Poppet seat Mechanical spring Nominal size Soft Mounting position Operating principle Soft Mounting position Optional Type of plotting Direct Flow direction Reversible Symbol Op991294 Iap Zero overlap Max. switching frequency 3 Hz Explosion protection Zone 1 (ATEX) Zone 2 (ATEX) Mounting 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 VDMA2364-B1/82-L Media temperature 10 °C 60 °C Arbient temperature 10 °C 60 °C Arbient temperature 10 °C 60 °C Product weight 116 g Preumatic connection, port 1 G1/8 Preumatic connection, port 3 Note on materials RoHS-compliant	Valve function	3/2-way, closed, monostable
Standard nominal flow rate (standardised to DIN 1343) pneumatic working port Operating pressure Design Poppet seat Mechanical spring Do not use as a mechanical stop Sealing principle Soft Mounting position Optional Type of piloting Direct Flow direction Reversible Symbol Operating frequency 3 Hz Zero overlap Max. switching frequency 3 Hz Zone 1 (ATEX) Zone 2 (ATEX) 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 VDMA24364-81/B2-L Media temperature 40 °C 60 °C Actuating force 46 N Product weight 116 g Type of mounting With through-hole Preduct weight 116 g Type of mounting Preumatic connection, port 2 Preumatic connection, port 3 Note on materials RoHS-compliant	Type of actuation	Mechanical
pneumatic working port Operating pressure Nominal size Nominal size S.6 mm Instructions on use Do not use as a mechanical stop Sealing principle Soft Mounting position Optional Type of piloting Direct Flow direction Reversible Symbol Operating frequency Sapply Sapply Max. switching frequency Supply	Construction width	20 mm
Operating pressure Operating medium Operating and pilot medium Operating and pilot medium Operating operating operating one operation one operating one operation one operating one operating one operation one operating one operating one operation one operating one operation one operation one operating one operation one operating one operation one operation one operation one operation one operation one operation operation one operation one operation operation one operation operatio	Standard nominal flow rate (standardised to DIN 1343)	750 l/min
Operating pressure Design Poppet seat Type of reset Mechanical spring Nominal size Sealing principle Soft Mounting position Type of piloting Direct Reversible Symbol Jap Max. switching frequency Explosion protection Operating medium Note on operating and pilot medium Lubricated operation passible (in which case lubricated operation will always be required) Corrosion resistance class CRC Ambient temperature Actuating force Actuating force Preumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Note on materials Note on materials Pon to use a mechanical stop Mechanical spring Don to use as a mechanical stop Soft Mechanical spring Don to use as a mechanical stop Soft Mechanical spring Don to use as a mechanical stop Soft Mechanical spring Don to use as a mechanical stop Soft Soft Mechanical spring Me	pneumatic working port	G1/8
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 Type of piloting Direct Flow direction Reversible Symbol Oo991294 Iap Max. switching frequency Explosion protection Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Comperating medium Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity Wedia temperature 10°C 60°C Antient mediane Product weight Type of mounting Pheumatic connection, port 1 Pheumatic connection, port 2 Pheumatic connection, port 3 Roffs—Compliant Post on materials Roffs—Compliant	Operating pressure	-0.095 MPa 1 MPa
Type of reset Nominal size 5.6 mm Instructions on use Do not use as a mechanical stop Sealing principle Soft Mounting position Optional Type of piloting Flow direction Reversible Symbol 100991294 Iap Zero overlap Max. switching frequency Explosion protection Sample (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Con operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) LABS (PWIS) conformity WDMA24364-B1/B2-L Media temperature -10 °C 60 °C Ambient temperature Actuating force 46 N Product weight 116 g Pneumatic connection, port 2 Pneumatic connection, port 2 Pneumatic connection, port 3 Rolfs-compliant	Operating pressure	-0.95 bar 10 bar
Nominal size Instructions on use Do not use as a mechanical stop Sealing principle Soft Mounting position Optional Type of piloting Direct Flow direction Reversible Symbol Iap Iap Zero overlap Max. switching frequency Sexplosion protection Operating medium Operating medium Compressed air to 150 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 Actuating force 46 N Product weight 116 g Product weight 116 g Product connection, port 2 G1/8 Pneumatic connection, port 3 Note on materials RoHS-compliant	Design	Poppet seat
Instructions on use Sealing principle Soft Mounting position Optional Type of piloting Direct Reversible Symbol Iap Max. switching frequency Explosion protection Operating medium Operating and pilot medium Operating and pilot medium Author on operating and pilot medium Corrosion resistance class CRC LABS (PWIS) conformity Media temperature Anthor temperature Antho	Type of reset	Mechanical spring
Sealing principle Mounting position Optional Type of piloting Direct Flow direction Reversible Symbol Op991294 lap Zero overlap Max. switching frequency Stypion protection Explosion protection Operating medium Corrosion resistance class CRC LABS (PWIS) conformity Womanier Mediate temperature Actuating force Ambient temperature Actuating force Product weight Type of mounting Protection Mounting position Optional Optional Optional Operating medium Operating and pilot and pilot medium Operating and pilot medium Operating and pilot medium Operating and pilot and pilot and pilot and	Nominal size	5.6 mm
Mounting position Type of piloting Direct Flow direction Reversible Symbol O9991294 lap Zero overlap Max. switching frequency Bxylosion protection Symbol Operating medium Note on operating and pilot medium Note on operating and pilot medium Corrosion resistance class CRC LABS (PWIS) conformity WDMA24364-B1/B2-L Media temperature -10 °C 60 °C Antualing force Product weight Type of mounting Pneumatic connection, port 2 Pneumatic connection, port 3 Note on materials Rosposition Reversible Sirved Sirved Reversible Sirved Reversible Sirved Sirved Reversible Sirved Sir	Instructions on use	Do not use as a mechanical stop
Type of piloting Flow direction Reversible Symbol O0991294 Iap Zero overlap Max. switching frequency 3 Hz Explosion protection 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 WDMA24364-B1/B2-L Media temperature -10 °C 60 °C Actuating force 46 N Product weight 116 g Type of mounting Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 Pneumatic connection, port 3 Note on materials RoHS-compliant	Sealing principle	Soft
Flow direction Reversible O0991294 Iap	Mounting position	optional
Symbol lap Zero overlap Max. switching frequency Explosion protection Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (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 Actuating force 46 N Product weight 116 g Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 3 Note on materials RoHS-compliant	Type of piloting	Direct
Jap 2	Flow direction	Reversible
Max. switching frequency Explosion protection Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 23 (ATEX) Zone 22 (ATEX) Zone 24 (ATEX) Zone 25 (ATEX) Zone 25 (ATEX) Zone 26 (ATEX) Zone 26 (ATEX) Zone 27 (ATEX) Zone	Symbol	00991294
Explosion protection Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Z	lap	Zero overlap
Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 21	Max. switching frequency	3 Hz
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 46 N Product weight 116 g Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 ROHS-compliant	Explosion protection	Zone 2 (ATEX) Zone 21 (ATEX)
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 46 N Product weight 116 g Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 RoHS-compliant	Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
LABS (PWIS) conformity WDMA24364-B1/B2-L Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Actuating force 46 N Product weight 116 g Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 Note on materials VDMA24364-B1/B2-L VDMA24364-B1/B2-L SOMA G1/8 ROHS-compliant	Note on operating and pilot medium	
Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Actuating force 46 N Product weight 116 g Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 RoHS-compliant	Corrosion resistance class CRC	2 - Moderate corrosion stress
Ambient temperature -10 °C 60 °C Actuating force 46 N Product weight 116 g Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 G1/8 Note on materials ROHS-compliant	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Actuating force 46 N Product weight 116 g Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 G1/8 Note on materials RoHS-compliant	Media temperature	-10 °C 60 °C
Product weight 116 g Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 G1/8 Note on materials RoHS-compliant	Ambient temperature	-10 °C 60 °C
Type of mounting With through-hole Pneumatic connection, port 1 G1/8 Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 G1/8 Note on materials RoHS-compliant	Actuating force	46 N
Pneumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Pneumatic connection, port 3 RoHS-compliant	Product weight	116 g
Pneumatic connection, port 2 G1/8 Pneumatic connection, port 3 G1/8 Note on materials RoHS-compliant	Type of mounting	With through-hole
Pneumatic connection, port 3 G1/8 Note on materials RoHS-compliant	Pneumatic connection, port 1	G1/8
Note on materials RoHS-compliant	Pneumatic connection, port 2	G1/8
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Material seals NBR	Note on materials	RoHS-compliant
	Material seals	NBR

Feature	Value
Material housing	Anodised wrought aluminium alloy