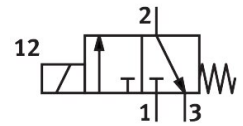


Pilot valve

VOFX-LT-M32C-MY-G18-SG18-1C3-EX4-M

Part number: 8178212

FESTO



General operating condition

Data sheet

Feature	Value
Valve function	3/2, closed, monostable
Actuation type	Electrical
Width	22 mm
Standard nominal flow rate	50 l/min
Pneumatic working port	G1/8
Operating voltage	24V DC
Operating pressure	-0.09 MPa ... 0.8 MPa
Operating pressure	-0.9 bar ... 8 bar
Operating pressure	-13.05 psi ... 116 psi
Structural design	Directly controlled poppet valve
Reset method	Mechanical spring
Degree of protection	IP65
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX) As per EU RoHS directive
Explosion protection certification outside the EU	EPL Db (BR) EPL Db (CN) EPL Db (IEC-EX) EPL Gb (BR)
Certificate issuing authority	DNVGL-TAA000011J IECEx PTB 15.0016X PTB 14 ATEX 2027 X
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex mb IIC T6 Gb
Type of (ignition) protection for dust	Ex mb tb IIIC T80°C Db
Explosive ambient temperature	-20°C ≤ Ta ≤ +50°C
Nominal width	1.3 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting
Type of control	Direct
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00991135
Duty cycle	100%
Insulation class	F

Feature	Value
Coil characteristics	24 V DC: 2.6 W
Permissible voltage fluctuations	+/- 10 %
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (BR) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (BR) Zone 21 (CN) Zone 21 (IEC-EX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-10 °C ... 50 °C
Product weight	418 g
Electrical connection	Cable
Cable length	3 m
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Pneumatic connection 3	M5
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	PA
Solenoid coil material	Copper