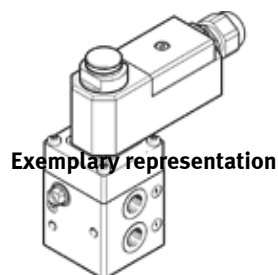


# valve

## VOFC-LT-M32C-

Part number: 2868687

FESTO



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
Width	51 mm
Standard nominal flow rate	595 ... 2,794 l/min
Operating pressure MPa	0.1 ... 0.8 MPa
Operating pressure	1 ... 8 bar
Design structure	Pilot-actuated piston poppet valve
Type of reset	mechanical spring
Protection class	IP50 IP65
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
Explosion protection certification outside the EU	EPL Db (IEC-EX) EPL Db (KR) EPL Gb (IEC-EX) EPL Gb (KR)
Certificate issuing department	BVS14ATEXE098X IECEX BVS14.0063X KGS15-GA4BO-0565X TÜV 968/V 1251.00/21
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex ia IIC T6, T5 Gb
Explosion ignition protection type Dust	Ex ia IIIC T85°C, T125°C Db
Explosion-proof ambient temperature	T5, T125°C: -40°C ≤ Ta ≤ +70°C T6, T85°C: -40°C ≤ Ta ≤ +30°C
Nominal size	6 ... 12 mm
Sealing principle	Hard
Assembly position	Any
Manual override	None
Type of piloting	Piloted
Pilot air supply	external Internal
Flow direction	non reversible
Safety function	Safe venting
Safety Integrity Level (SIL)	Product can be used in SRP/CS up to SIL 3 (high demand) bis SIL 3 Low Demand mode
Note on operating pressure	0 - 0.8 MPa with external pilot air
Flow rate Kv ventilation	0.54 ... 2.56 m <sup>3</sup> /h
Flow rate Kv exhaust	0.54 ... 2.56 m <sup>3</sup> /h
Standard nominal flow rate 2-3	1,066 ... 4,224 l/min
Switching time off	14 ... 18 ms
Switching time on	24 ... 25 ms
Operating medium	Druckl. ISO8573-1:2010[7:2:2]
Corrosion resistance classification CRC	4 - Very high corrosion stress

Feature	Value
PWIS conformity	VDMA24364 zone III
Medium temperature	-25 ... 60 °C
Ambient temperature	-25 ... 60 °C
Product weight	550 ... 985 g
Pneumatic connection, port 1	M5 G1/4 G1/2 1/4 NPT 1/2 NPT NAMUR port pattern
Pneumatic connection, port 2	Flange 1/2 Flange 1/4 G1/4 G1/2 1/4 NPT 1/2 NPT NAMUR port pattern
Pneumatic connection, port 3	G1/4 G1/2 1/4 NPT 1/2 NPT
Materials note	Conforms to RoHS
Material seals	EPDM NBR VMQ
Material housing	Aluminium (Ematal coated) PBT-reinforced High alloy steel, non-corrosive