

# valve VOFC-L

Part number: 3344863

FESTO



Exemplary representation

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	3/2 closed, monostable 5/2 bistable 5/2 monostable
Type of actuation	electrical
Width	40 mm
Standard nominal flow rate	913 ... 1,030 l/min
Operating pressure MPa	0.25 ... 1 MPa
Operating pressure	2.5 ... 10 bar
Design structure	Piston slide
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
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 mm
Sealing principle	soft
Assembly position	Any
Manual override	detenting None Pushing
Type of piloting	Piloted
Pilot air supply	external Internal
Flow direction	non reversible
Safety Integrity Level (SIL)	Product can be used in SRP/CS up to SIL 2 (high demand) Product can be used in SRP/CS up to SIL 2 low demand
Flow rate Kv ventilation	0.66 ... 1.08 m <sup>3</sup> /h
Flow rate Kv exhaust	0.66 ... 1.08 m <sup>3</sup> /h
Standard nominal flow rate 2-3	978 ... 983 l/min
Switching time off	22 ms
Switching time on	26 ms
Operating medium	Druckl. ISO8573-1:2010[7:2:2]

<b>Feature</b>	<b>Value</b>
Corrosion resistance classification CRC	4 - Very high corrosion stress
PWIS conformity	VDMA24364 zone III
Medium temperature	-25 ... 60 °C
Ambient temperature	-25 ... 60 °C
Product weight	430 ... 960 g
Pneumatic connection, port 1	G1/4 1/4 NPT
Pneumatic connection, port 2	Flange 1/4 G1/4 1/4 NPT NAMUR port pattern
Pneumatic connection, port 3	G1/4 1/4 NPT
Pneumatic connection, port 4	Flange 1/4 G1/4 NAMUR port pattern 1/4 NPT
Pneumatic connection, port 5	G1/4 1/4 NPT
Materials note	Conforms to RoHS
Material seals	EPDM NBR VMQ
Material housing	Aluminium (Ematal coated) PBT-reinforced