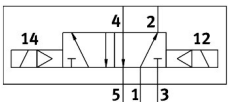
Pneumatic valve
VOFC-L-B52-FG14-F19

Part number: 4514929





Data sheet

Feature	Value
Valve function	5/2-way, bistable
Actuation type	Electrical
Width	40 mm
Normal nominal flow rate (normalized to DIN 1343)	989 l/min
Pneumatic working port	Sub-base G1/4
Operating pressure	0.25 MPa...0.8 MPa 2.5 bar...8 bar 36.25 psi...116 psi
Structural design	Piston gate valve
Degree of protection	IP65
Nominal width	6 mm
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Piloted
Pilot air supply port	Internal
Flow direction	Non-reversible
Flow rate for piston valve pressurization	1.08 m³/h
Flow rate for piston valve exhausting	1.08 m³/h
Standard nominal flow rate 2-3	978 l/min
Switching time off	22 ms
On switching time	26 ms
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:2:2]
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Temperature of medium	-25 °C...60 °C
Ambient temperature	-25 °C...60 °C
Product weight	680 g

Feature	Value
Pneumatic connection 1	G1/4
Pneumatic connection 2	Flange 1/4 NAMUR connection pattern
Pneumatic connection 3	G1/4
Pneumatic connection 4	Flange 1/4 NAMUR connection pattern
Pneumatic connection 5	G1/4
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Aluminum, ematal coated