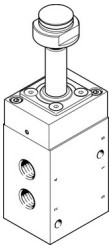
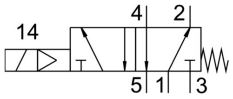
Pneumatic valve
VOFC-L-M52-M-G14-F19A

Part number: 4514926





Data sheet

Feature	Value
Valve function	5/2, monostable
Operating pressure	0.25 MPa ... 0.8 MPa
Actuation type	Electrical
Width	40 mm
Standard nominal flow rate	1030 l/min
Pneumatic working port	G1/4
Operating pressure	2.5 bar ... 8 bar
Design	Piston gate valve
Reset method	Mechanical spring
Degree of protection	IP65
Nominal width	6 mm
Type code	VOFC
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00995231
Safety integrity level (SIL)	Up to SIL 2 high demand mode Up to SIL 2 low demand mode
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 [7:4:4]
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
Temperature of medium	-25 °C ... 60 °C
Ambient temperature	-25 °C ... 60 °C
Product weight	520 g
Pneumatic connection 1	G1/4
Pneumatic connection 2	G¼

Feature	Value
Pneumatic connection 3	G1/4
Pneumatic connection 4	G1/4
Pneumatic connection 5	G1/4
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Seals material	NBR
Housing material	Aluminum, ematal coated