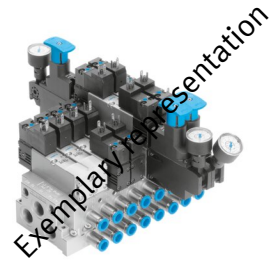


Valve manifold assembly VTIA

Part number: 546835

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical control	Individual connection
Terminal type	16
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Media temperature	-5 °C ... 50 °C
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-20 °C ... 60 °C
Relative air humidity	0 - 90%
Degree of protection	IP65 NEMA 4
Corrosion resistance class CRC	0 - No corrosion stress
Operating pressure	-0.09 MPa ... 1.6 MPa
Operating pressure	-0.9 bar ... 16 bar
Pilot pressure	0.3 MPa ... 1 MPa
Pilot pressure	3 bar ... 10 bar
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Material seals	HNBR NBR
Valve terminal structure	Modular, valve sizes can be mixed
Max. number of valve positions	16
Max. number of pressure zones	3
Type of actuation	Electrical
Valve function	2x3/2 closed monostable 2x3/2 open monostable 2x3/2-way, open/closed, monostable 5/2-way, double solenoid 5/2-way, bistable, dominant 5/2-way, single solenoid 5/3-way, pressurised 5/3 exhausted 5/3-way, closed
Design	Piston gate valve
Valve size	26 mm
Max. standard nominal flow rate	550 l/min at 18 mm 1100 l/min at 26 mm

Feature	Value
Width	18 mm 26 mm
Suitability for vacuum	Yes
Exhaust-air function	Via throttle plate
pneumatic working port	G1/8 G1/4 G3/8 G1/2 QS-8 QS-10 QS-12 QS-16
Permissible voltage fluctuations	-15% / +10%