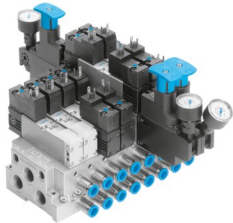


Valve manifold assembly VTIA

Part number: 546835

FESTO



Data sheet

Feature	Value
Electrical actuation	Individual connection
Valve terminal type	16
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Temperature of medium	-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 -0.9 bar...16 bar
Pilot pressure MPa	0.3 MPa...1 MPa
Pilot pressure	3 bar...10 bar
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Seals material	HNBR NBR
Valve manifold design	Modular, pneumatic valve sizes can be mixed
Max. no. of valve positions	16
Max. no. of pressure zones	3
Actuation type	Electrical
Valve function	2x3/2 closed, monostable 2x3/2 open monostable 2x3/2, open/closed, monostable 5/2-way, bistable 5/2-way, dominant, bistable 5/2-way, monostable 5/3-way, pressurized 5/3 exhausted 5/3-way, closed
Structural design	Piston gate valve
Valve size	18 mm

Feature	Value
	26 mm
Max. standard nominal flow rate	550 l/min at 18 mm 1100 l/min at 26 mm
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%