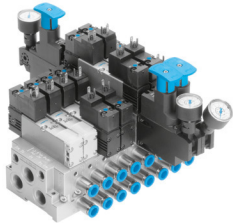


Manifold assembly VTIA

Part number: 546835

FESTO



Data sheet

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 -0.9 bar...16 bar
Pilot pressure	0.3 MPa...1 MPa 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	Electric
Valve function	2x3/2-way, monostable, closed 2x3/2-way, open, monostable 2x3/2-way, open/closed, monostable 5/2 double solenoid 5/2-way, bistable, dominant 5/2-way, monostable 5/3-way, pressurised 5/3 exhausted 5/3 closed
Design	Piston gate valve

Feature	Value
Valve size	18 mm 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%