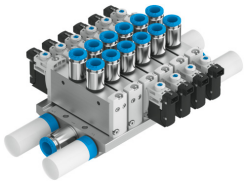
Manifold assembly
VTUG-S

Part number: 572230



Data sheet

Feature	Value
Electrical actuation	Individual connection
Electrical I/O system	no
Valve terminal type	26
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...60 °C
Ambient temperature	-5 °C...60 °C
Restricted ambient and media temperature	-5 - 50 °C Without holding power reduction
Degree of protection	IP40 IP65
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Operating pressure	-0.09 MPa...0.1 MPa -0.9 bar...10 bar
Pilot pressure MPa	0.15 MPa...0.8 MPa
Pilot pressure	1.5 bar...8 bar
Operating pressure for valve manifold with internal pilot air supply	0.15 MPa...0.8 MPa 1.5 bar...8 bar
LABS (PWIS) conformity	VDMA24364-B2-L
CE marking (see declaration of conformity)	As per EU EMC directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Certification	RCM compliance mark c UL us - Recognized (OL)
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Valve manifold design	Fixed grid
Max. no. of valve positions	16
Max. no. of pressure zones	9
Actuation type	Electrical

Feature	Value
Valve function	2x3/2, closed, monostable 2x3/2, open, monostable 2x3/2, open/closed, monostable 5/2, bistable 5/2, monostable 5/3, pressurized 5/3, exhausted 5/3, closed
Structural design	Piston gate valve
Sealing principle	Soft
Valve size	10 mm 14 mm 18 mm
Pilot air supply port	External Internal
Max. standard nominal flow rate	380 l/min at 10 mm 780 l/min at 14 mm 1380 l/min at 18 mm
Exhaust air function	With flow control option
Pneumatic working port	M3 M5 M7 G1/8 G1/4 QS-3 QS-4 QS-6 QS-8 QS-10 QS-5/32 QS-1/8 QS-3/16 QS-1/4 QS-5/16 QS-3/8
Signal status display	LED
Permissible voltage fluctuations	+/- 10 %