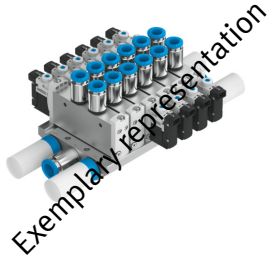


Valve manifold assembly VTUG-S

Part number: 572230

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical control	Individual connection
Electrical I/O system	No
Terminal type	26
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 ... 60 °C
Ambient temperature	-5 °C ... 60 °C
Restrictions for environmental and media temperature	Without holding current reduction
Degree of protection	IP40 IP65
Corrosion resistance class CRC	2 - Moderate corrosion stress
Operating pressure	-0.09 MPa ... 0.1 MPa
Operating pressure	-0.9 bar ... 10 bar
Pilot pressure	0.15 MPa ... 0.8 MPa
Pilot pressure	1.5 bar ... 8 bar
Operating pressure for valve terminal with internal pilot air supply	0.15 MPa ... 0.8 MPa
Operating pressure for valve terminal with internal pilot air supply	1.5 bar ... 8 bar
LABS (PWIS) conformity	VDMA24364-B2-L
CE mark (see declaration of conformity)	To EU EMC Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Approval	RCM c UL us - Recognised (Oil)
Note on materials	RoHS compliant
Material seals	HNBR NBR
Valve terminal structure	Fixed grid
Max. number of valve positions	16
Max. number of pressure zones	9
Type of actuation	Electrical

Feature	Value
Valve function	2x3/2 closed monostable 2x3/2 open monostable 2x3/2-way, open/closed, monostable 5/2-way, double solenoid 5/2-way, single solenoid 5/3-way, pressurised 5/3 exhausted 5/3-way, closed
Design	Piston gate valve
Sealing principle	Soft
Valve size	14 mm
Pilot air supply	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	Can be throttled
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%