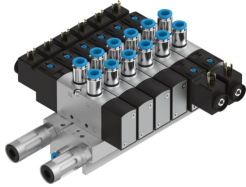


Valve manifold assembly VTUS-20

Part number: 577304

FESTO



Data sheet

Feature	Value
Electrical actuation	Individual connection
Electrical I/O system	No
Width dimension	22 mm
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Temperature of medium	-10 °C...50 °C
Ambient temperature	-10 °C...50 °C
Storage temperature	-20 °C...60 °C
Degree of protection	IP65 IP67 With plug socket As per IEC 60529
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Operating pressure	-0.09 MPa...1 MPa -0.9 bar...10 bar
Pilot pressure MPa	0.15 MPa...1 MPa
Pilot pressure	1.5 bar...10 bar
Operating pressure for valve manifold with internal pilot air supply	1.5 bar...10 bar
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
UKCA marking (see declaration of conformity)	acc. to UK EX instructions
Certification	c UL us - recognized (OL)
Explosion prevention and protection	Zone 2 (ATEX) Zone 2 (UKEX) Zone 22 (ATEX) Zone 22 (UKEX)
ATEX category gas	II 3G
ATEX category for dust	II 3D
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
Type of ignition protection for gas	Ex ec IIC T4 Gc X
Type of (ignition) protection for dust	Ex tc IIIC T115°C Dc X
Explosive ambient temperature	-10°C <= Ta <= +50°C
Note on materials	RoHS compliant

Feature	Value
Seals material	HNBR NBR TPE-U(PU)
Valve manifold design	Fixed grid
Max. no. of valve positions	16
Max. no. of pressure zones	9
Valve function	2x3/2 closed, monostable 2x3/2 open monostable 2x3/2, open/closed, monostable 3/2-way, closed, monostable 3/2-way, monostable, open 5/2-way, bistable 5/2-way, monostable 5/3-way, pressurized 5/3 exhausted 5/3-way, closed
Structural design	Piston gate valve Plate seat
Sealing principle	Soft
Valve size	21 mm
Normal nominal flow rate (normalized to DIN 1343)	600 l/min...700 l/min
Exhaust air function	Adjustable
Pneumatic working port	G1/8 1/8 NPT QS-4 QS-6 QS-8 QS-5/32 QS-1/4 QS-5/16