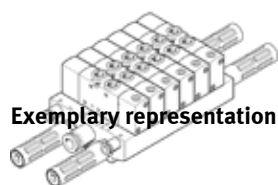


valve manifold assembly VTUS-20

Part number: 577304
★ Core product range

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical connection	Individual connection
Electrical I/O system	No
Grid dimension	22 mm
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Medium temperature	-10 ... 50 °C
Ambient temperature	-10 ... 50 °C
Storage temperature	-20 ... 60 °C
Protection class	IP65 IP67 with plug socket to IEC 60529
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Operating pressure MPa	-0.09 ... 1 MPa
Working pressure	-0.9 ... 10 bar
Pilot pressure MPa	0.15 ... 1 MPa
Pilot pressure	1.5 ... 10 bar
Working pressure for valve manifold with internal pilot air supply	1.5 ... 10 bar
PWIS conformity	VDMA24364-B1/B2-L
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Authorization	c UL us - Recognized (OL)
ATEX category Gas	II 3G
ATEX category Dust	II 3D
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
Explosion ignition protection type Gas	Ex ec IIC T4 Gc X
Explosion ignition protection type Dust	Ex tc IIIC T115°C Dc X
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +50°C
Materials note	Conforms to RoHS
Material seals	HNBR NBR TPE-U(PU)
Valve manifold structure	Fixed-grid
Max. number 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 closed, monostable 3/2 open, monostable 5/2 bistable 5/2 monostable 5/3 pressurized 5/3 exhausted

Feature	Value
	5/3 closed
Design structure	Piston slide Poppet seat
Sealing principle	soft
Valve size	21 mm
Standard nominal flow rate	600 ... 700 l/min
Exhaust-air function	throttleable