

Manifold assembly VTUS-30

Part number: 8022019

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	3/2, closed, monostable 2x3/2, open/closed, monostable 5/3, exhausted 5/3, closed 2x3/2, closed, monostable 5/2, monostable 2x3/2, open, monostable 3/2, open, monostable 5/2, bistable 5/3, pressurized
Valve size	31 mm
Standard nominal flow rate	1600 l/min ... 2300 l/min
Pneumatic working port	QS-10 QS-5/16 QS-1/2 QS-3/8 QS-12 QS-8 G3/8 3/8 NPT
Operating pressure	-0.9 bar ... 10 bar
Electrical actuation	Individual connection
Max. no. of valve positions	16
Max. no. of pressure zones	9
Electrical I/O system	no
Ambient temperature	-10 °C ... 50 °C
Degree of protection	IP65 IP67 With plug socket as per IEC 60529
Certification	c UL us - Recognized (OL)
Width dimension	32 mm
Type code	VTUS
Exhaust air function	With flow control option
Sealing principle	Soft
Design	Plate seat Piston gate valve
Valve manifold design	Fixed grid
Operating pressure for valve manifold with internal pilot air supply	1.5 bar ... 10 bar
Pilot pressure	1.5 bar ... 10 bar

Feature	Value
ATEX category gas	II 3G
Type of ignition protection for gas	Ex ec IIC T4 X Gc
ATEX category for dust	II 3D
Type of (ignition) protection for dust	Ex tc IIIC T115°C X Dc
Explosive ambient temperature	-10°C <= Ta <= +60°C
Explosion prevention and protection	Zone 2 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 60 °C
Temperature of medium	-10 °C ... 50 °C
Note on materials	RoHS-compliant
Seals material	NBR HNBR TPE-U(PU)