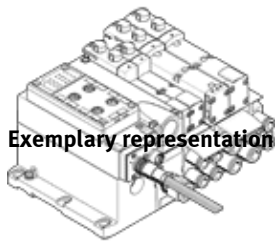


# Valve manifold VTSA-F-ASI

Part number: 555566

FESTO

Valve manifold VTSA, ISO 15407-2, ISO5599-2.



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical connection	Fieldbus
Electrical I/O system	Yes
Valve manifold type	45
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 60 °C
Relative air humidity	0 - 90 %
Protection class	IP65
Corrosion resistance classification CRC	0 - No corrosion stress
Operating pressure MPa	-0.09 ... 1 MPa
Working pressure	-0.9 ... 10 bar
Pilot pressure MPa	0.3 ... 1 MPa
Pilot pressure	3 ... 10 bar
Operating pressure for valve terminal with internal pilot air supply	0.3 ... 1 MPa
Working pressure for valve manifold with internal pilot air supply	3 ... 10 bar
Operating pressure for valve terminal with internal pilot air supply	43.5 ... 145 psi
CE symbol (see declaration of conformity)	according to EU-EMV guideline according to EU-Ex protection guideline (ATEX)
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Authorization	BIA C-Tick c UL us - Recognized (OL)
ATEX category Gas	II 3G
Explosion ignition protection type Gas	Ex nA IIC T3 X Gc
Explosion-proof ambient temperature	-5 °C ≤ Ta ≤ +50 °C
Materials note	Conforms to RoHS
Valve manifold structure	Modular, valve sizes can be mixed
Type of actuation	electrical
Valve function	2x2/2 closed, monostable 2x3/2 closed, monostable 2x3/2 open, monostable 2x3/2 open/closed, monostable 5/2 bistable 5/2 bistable-dominant 5/2 monostable 5/2-way, monostable safety function 5/3 pressurized 5/3 exhausted

<b>Feature</b>	<b>Value</b>
	5/3 closed 5/3, port 2 pressurized, 4 exhausted
Design structure	Piston slide
Valve size	18 mm 26 mm 42 mm 65 mm 52 mm
Pilot air supply	external Internal
Max. standard nominal flow rate	700 l/min at 18 mm 1350 l/min at 26 mm 1860 l/min at 42 mm 2900 l/min at 52 mm 4000 l/min at 65 mm
Suitability for vacuum	Yes
Exhaust-air function	Via throttle plate
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 10 %