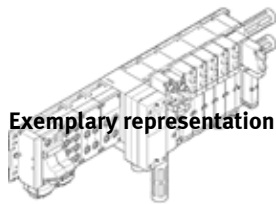


Valve manifold VTSA-F-CB

Part number: 8073100

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical connection	Fieldbus Ethernet Integrated controller
Electrical I/O system	Yes
Valve manifold type	46
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
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
Working pressure	-0.9 ... 10 bar
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
PWIS conformity	VDMA24364-B1/B2-L
CE symbol (see declaration of conformity)	according to EU-EMV guideline
KC mark	KC-EMV
Materials note	Conforms to RoHS
Valve manifold structure	Modular, valve sizes can be mixed
Manual override	detenting with accessories, detenting Pushing Covered self-resetting via electrical control signal
Number of voltage zones	≤ 6 psi
Number of controllable coils per voltage zone	≤ 24 psi
Number of controllable coils per valve terminal	≤ 96 psi
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 5/3 pressurized 5/3 exhausted 5/3 closed 5/3, port 2 pressurized, 4 exhausted
Design structure	Piston slide

Feature	Value
Valve size	18 mm 26 mm 42 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
Suitability for vacuum	Yes
Exhaust-air function	Via throttle plate
Pilot air port 12	Ducted Optional
Note on forced dynamisation	Switching frequency min. 1/month
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 10 %