

Valve manifold VTUX-A-P-APA-

Part number: 8000810
★ Core product range
New

FESTO

Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Mounting method for subbase	with through hole
Grid dimension	10.55 ... 12.55 mm
Mounting type	Tie rod
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]
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Max. installation height	3,500 m
Protection class	IP65 IP6X
Corrosion resistance classification CRC	1 - Low corrosion stress
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Continuous shock resistance per DIN/IEC 68, parts 2 - 82	Tested in accordance with severity level 1
Operating pressure MPa	-0.1 ... 0.7 MPa
Working pressure	-1 ... 7 bar
Pilot pressure MPa	0.15 ... 0.7 MPa
Pilot pressure	1.5 ... 7 bar
Operating pressure for valve terminal with internal pilot air supply	0.15 ... 0.7 MPa
Working pressure for valve manifold with internal pilot air supply	1.5 ... 7 bar
Operating pressure for valve terminal with internal pilot air supply	21.75 ... 101.5 psi
PWIS conformity	VDMA24364-C1-L
CE symbol (see declaration of conformity)	according to EU-EMV guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	UK regulation for pressure equipment To UK RoHS instructions
KC mark	KC-EMV
Authorization	RCM Mark
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Valve manifold structure	modular and expandable
Max. number of valve positions	32
Max. no. of pressure zones	32
Type of actuation	electrical
Valve function	2x3/2 closed, monostable 2x3/2 open, monostable 5/2 bistable 5/2 monostable 5/3 closed
Design structure	Piston slide
Sealing principle	soft

Feature	Value
Type of piloting	Piloted
Valve size	10 mm
Pilot air supply	external Internal
Standard nominal flow rate	470 ... 670 l/min
Suitability for vacuum	Yes
Exhaust-air function	throttleable
Pneumatic connection, port 1	QS-8 QS-10 QS-12 QS-5/16 QS-3/8
Pneumatic connection, port 2	QS-6 QS-8 QS-5/32 QS-1/8 QS-1/4 QS-5/16
Pneumatic connection, port 3	QS-8 QS-10 QS-12 QS-5/16 QS-3/8 Silencer
Pneumatic connection, port 4	QS-6 QS-8 QS-5/32 QS-1/8 QS-1/4 QS-5/16
Pneumatic connection, port 5	QS-8 QS-10 QS-12 QS-5/16 QS-3/8 Silencer
Auxiliary pilot air port 12/14	QS-4 QS-6 QS-8 QS-5/16 QS-1/4 Silencer
Pilot exhaust port 82/84	QS-4 QS-6 QS-5/16 QS-1/4 Silencer
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 10 %