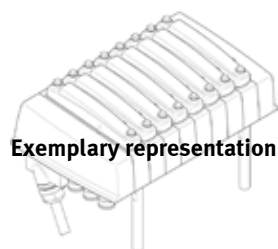


# valve terminal MPAC-VI

Part number: 575465

FESTO



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical connection	Multi-pin plug I-Port IO-Link
Electrical I/O system	No
Valve terminal type	35
Grid dimension	26.8 mm
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)
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 60 °C
Storage temperature	-20 ... 40 °C
Protection class	IP65 IP67 IP69K
Corrosion resistance classification CRC	4 - Very high 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
Operating pressure MPa	-0.09 ... 0.8 MPa
Operating pressure	-0.9 ... 8 bar
Pilot pressure MPa	0.3 ... 0.8 MPa
Pilot pressure	3 ... 8 bar
Operating pressure for valve terminal with internal pilot air supply	0.3 ... 0.8 MPa 3 ... 8 bar 43.5 ... 116 psi
PWIS conformity	VDMA24364-B2-L
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Authorisation	RCM Mark UL - Recognized (OL)
Food-safe	See Supplementary material information
Materials note	Conforms to RoHS
Material seals	EPDM
Valve terminal structure	modular and expandable
Max. number of valve positions	32
Max. no. of pressure zones	32
Type of actuation	electrical
Valve function	2/2 closed, monostable 2x3/2 closed, monostable

Feature	Value
	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 pressurised 5/3 exhausted 5/3 closed
Design structure	Piston slide
Type of piloting	electrical
Valve size	14 mm
Pilot air supply	external Internal
Max. standard nominal flow rate	780 l/min at 14 mm
Suitability for vacuum	Yes
Pneumatic connection, port 1	G1/4 G3/8
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4 G3/8
Pneumatic connection, port 4	G1/4
Auxiliary pilot air port 12/14	G1/8
Pilot exhaust port 82/84	G1/8
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 25 %
Nominal breakaway current per solenoid coil	50 mA up to 20 ms
Nominal current with current reduction	10 mA after 20 ms