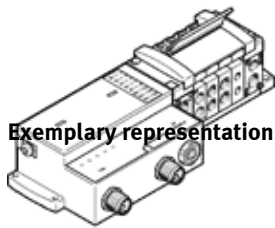


valve terminal CPV-SC-FB-VI

Part number: 538510

FESTO

with fieldbus connection.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical connection	CPI installation system Fieldbus
Electrical I/O system	Yes
Valve terminal type	80
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 ... 50 °C
Protection class	IP40
Corrosion resistance classification CRC	1 - Low corrosion stress
Operating pressure MPa	-0.09 ... 0.7 MPa
Operating pressure	-0.9 ... 7 bar
Pilot pressure MPa	0.3 ... 0.7 MPa
Pilot pressure	3 ... 7 bar
Operating pressure for valve terminal with internal pilot air supply	0.3 ... 0.7 MPa 3 ... 7 bar
PWIS conformity	VDMA24364-B2-L
CE mark (see declaration of conformity)	to EU directive for EMC
UKCA marking (see declaration of conformity)	To UK instructions for EMC
KC mark	KC-EMV
Authorisation	c UL us - Recognized (OL)
Materials note	Conforms to RoHS
Valve terminal structure	Fixed-grid
Max. number of valve positions	16
Max. no. of pressure zones	8
Type of actuation	electrical
Valve function	2/2 closed, monostable 3/2 closed, monostable 3/2 open, monostable 5/2 bistable 5/2 monostable
Design structure	Piston slide
Valve size	10 mm
Pilot air supply	external Internal
Max. standard nominal flow rate	170 l/min at 10 mm
Nominal size	2.5 mm
Suitability for vacuum	Yes
Exhaust-air function	not throttleable
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 10 %