

Valve terminal CPV-SC-FB-VI

Part number: 538510

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical control	CPI installation system Fieldbus
Electrical I/O system	Yes
Terminal type	80
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Media temperature	-5 °C ... 50 °C
Ambient temperature	-5 °C ... 50 °C
Degree of protection	IP40
Corrosion resistance class CRC	1 - Low corrosion stress
Operating pressure	-0.09 MPa ... 0.7 MPa
Operating pressure	-0.9 bar ... 7 bar
Pilot pressure	0.3 MPa ... 0.7 MPa
Pilot pressure	3 bar ... 7 bar
Operating pressure for valve terminal with internal pilot air supply	0.3 MPa ... 0.7 MPa
Operating pressure for valve terminal with internal pilot air supply	3 bar ... 7 bar
LABS (PWIS) conformity	VDMA24364-B2-L
CE mark (see declaration of conformity)	To EU EMC Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
KC mark	KC-EMV
Approval	c UL us - Recognised (Oil)
Note on materials	RoHS compliant
Valve terminal structure	Fixed grid
Max. number of valve positions	16
Max. number of pressure zones	8
Type of actuation	Electrical
Valve function	2/2-way, single solenoid, closed 3/2-way, single solenoid, closed 3/2-way, single solenoid, open 5/2-way, double solenoid 5/2-way, single solenoid
Design	Piston gate valve
Valve size	10 mm
Pilot air supply	External Internal
Max. standard nominal flow rate	170 l/min at 10 mm

Feature	Value
Nominal size	2.5 mm
Suitability for vacuum	Yes
Exhaust-air function	Cannot be throttled
pneumatic working port	M5 QS-3 QS-4
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/-10%