

# Valve terminal CPV-SC-FB-VI

Part number: 538510

**FESTO**



## Data sheet

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 -0.9 bar...7 bar
Pilot pressure	0.3 MPa...0.7 MPa 3 bar...7 bar
Operating pressure for valve terminal with internal pilot air supply	0.3 MPa...0.7 MPa 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 - Recognized (OL)
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	Electric
Valve function	2/2-way, closed, monostable 3/2-way, closed, monostable 3/2 open, single solenoid 5/2 double solenoid 5/2-way, monostable
Design	Piston gate valve
Valve size	10 mm

Feature	Value
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	Without flow control option
pneumatic working port	M5 QS-3 QS-4
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 10 %