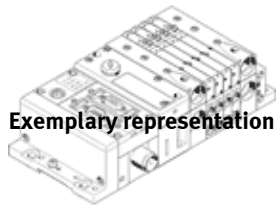# valve terminal
MPAL-VI

Part number: 569926
★ Core product range

Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical connection	Fieldbus Multi-pin plug I-Port IO-Link
Electrical I/O system	Yes
Valve terminal type	34
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
Storage temperature	-20 ... 40 °C
Protection class	IP65 IP67
Corrosion resistance classification CRC	3 - High corrosion stress
Operating pressure MPa	-0.09 ... 1 MPa
Operating pressure	-0.9 ... 10 bar
PWIS conformity	VDMA24364-B1/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 c UL us - Listed (OL)
Materials note	Conforms to RoHS
Valve terminal structure	Valve sizes can be mixed
Max. number of valve positions	32
Max. no. of pressure zones	20
Type of actuation	electrical
Valve function	2/2 closed, monostable 2x3/2 closed, monostable 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 Poppet valve with spring return
Type of piloting	electrical

Feature	Value
Valve size	10 mm
	14 mm
	20 mm
Pilot air supply	external
	Internal
Max. standard nominal flow rate	360 l/min at 10 mm
	670 l/min at 14 mm
	870 l/min at 20 mm
Suitability for vacuum	Yes
Switching position indicator	LED
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 25 %