

# Programming cable VAVE-P8-VPS

Part number: 570971

FESTO



 General operating condition

## Data sheet

Feature	Value
Conforms to standard	DIN 47100 EN 61076-2-101
Structural design	T-distributor with cable on controller side
Distributor type	1 to 2
Additional functions	Programming interface for proportional pressure control valve
Cable designation	Without label holder
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	8
Electrical connection 1, type of mounting	Screw-type lock with AF 14
Electrical connection for input 1, connection pattern	00992265
Electrical connection 2, function	Control side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 2, number of pins/wires	8
Electrical connection 2, occupied pins/wires	8
Electrical connection 2, type of mounting	Screw-type lock with AF 14
Electrical connection 2, connection pattern	00992264
Electrical connection 3, function	Control side
Electrical connection 3, design	Round
Electrical connection 3, connection type	Socket
Electrical connection 3, cable outlet	Straight
Electrical connection 3, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 3, number of pins/wires	5
Electrical connection 3, occupied pins/wires	4
Electrical connection 3, type of mounting	Screw-type lock
Electrical connection for input 3, connection pattern	00991861
DC operating voltage range	0 V ... 30 V
Operating voltage range AC	0 V ... 30 V
Current rating at 40° C	2 A

Feature	Value
Shield	Yes
Cable length 1	0.15 m
Cable characteristic	Standard
Cable diameter 1	6.3 mm
Cable diameter tolerance 1	± 0.2 mm
Cable design	8 x 0.25 mm <sup>2</sup>
Nominal conductor cross section	0.25 mm <sup>2</sup>
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C ... 80 °C
Ambient temperature with flexible cable installation	-5 °C ... 80 °C
CE marking (see declaration of conformity)	As per EU EMC directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Note on materials	RoHS compliant Halogen-free
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Die-cast zinc, nickel-plated
Seals material	NBR
Material of pin contacts	Gold-plated brass