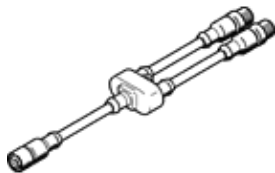


Connecting cable NEBV-M12G8-KD-3-M12G4

Part number: 547888

FESTO

For VPPM proportional-pressure regulator.



Data sheet

Feature	Value
Conforms to standard	DIN 47100 EN 61076-2-101
Design structure	Y-distributor with cables on both sides
Distributor type	1 to 2
Additional functions	Distribution of the analogue inputs and outputs of a proportional pressure regulator
Cable identification	Without inscription label holder
Mounting type	With through-hole for M3 screw
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	Screw lock
Electrical connection 2, function	Controller 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 in accordance with EN 61076-2-101
Electrical connection 2, number of pins/wires	4
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Screw lock
Electrical connection 3, function	Controller side
Electrical connection 3, design	Round
Electrical connection 3, connection type	Plug
Electrical connection 3, cable outlet	Straight
Electrical connection 3, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 3, number of pins/wires	4
Electrical connection 3, occupied pins/wires	3
Electrical connection 3, type of mounting	Screw lock
Operating voltage range DC	0 ... 30 V
Operating voltage range AC	0 ... 30 V
Acceptable current load at 40°C	2 A
Surge strength	0.8 kV
Cable length 1	2.5 m
Cable length 2	0.5 m
Cable attribute	Standard
Bending radius 1, fixed cable installation	≥ 33 mm
Minimum bending radius with freely moveable use 1	≥ 66 mm
Bending radius 2, fixed cable installation	≥ 33 mm
Minimum bending radius with freely moveable use 2	≥ 66 mm
Cable diameter 1	6.3 mm

Feature	Value
Tolerance for cable diameter 1	± 0,2 mm
Cable diameter 2	6.3 mm
Tolerance for cable diameter 2	± 0,2 mm
Cable structure	8x0,25 Shielded
Nominal conductor cross-section	0.25 mm ²
Protection class	IP67
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 80 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
CE symbol (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS Halogen-free
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	Grey
Material housing	TPE-U(PUR)
Housing color	Black
Material screw-type lock	Nickel-plated brass
Material seals	NBR
Material electrical contact	Nickel-plated and gold-plated brass
Material insulation	PP