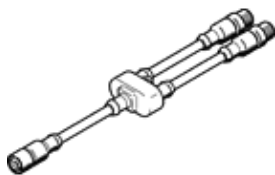


connecting cable NEBV-M12G8-KD-3-M12G4

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 mark (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 colour | Grey |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material screw-type lock | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Nickel-plated and gold-plated brass |
| Material insulation | PP |