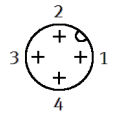


Distributor

NEDY-L2R1-V1-M12G5-U-0.3L-M12G4-2.5R

Part number: 8035775

FESTO



Data sheet

| Feature | Value |
|--|---|
| Based on the standard | EN 61076-2-101 |
| Design structure | Y-distributor with cables on both sides |
| Distributor type | 2 to 1 |
| Cable identification | With inscription label holder |
| Mounting type | With through-hole for M2 screw with accessories |
| Product weight | 120 g |
| Electrical connection 1, function | Controller side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Plug |
| 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 | 4 |
| Electrical connection 1, occupied pins/wires | 4 |
| Electrical connection 2, function | Field device side |
| Electrical connection 2, design | Round |
| Electrical connection 2, connection type | 2x socket |
| 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 | 5 |
| Electrical connection 2, occupied pins/wires | 4 |
| Operating voltage range DC | 0 ... 30 V |
| Operating voltage range AC | 0 ... 30 V |
| Acceptable current load at 40°C | 4 A |
| Surge strength | 0.8 kV |
| Cable length 1 | 2.5 m |
| Cable length 2 | 0.3 m |
| Cable attribute | Suitable for energy chains/robot applications |
| Test conditions of cable | Bending strength according to Festo standard Test conditions on request Torsion resistance: > 300,000 cycles, ±270°/0.1 m Energy chain: > 5 million cycles, bending radius 28 mm |
| Minimum bending radius with freely moveable use 1 | 46 mm |
| Minimum bending radius with freely moveable use 2 | 46 mm |
| Cable diameter 1 | 4.5 mm |
| Cable diameter 2 | 4.5 mm |
| Nominal conductor cross-section | 0.25 mm ² |
| Protection class | IP65 IP68 IP69K |
| Ambient temperature | -25 ... 80 °C |
| Note on ambient temperature | -10 ... 40 °C when mounted via through-hole |
| Ambient temperature with flexible cable installation | -20 ... 80 °C |
| Storage temperature | -25 ... 80 °C |
| CE symbol (see declaration of conformity) | in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |

| Feature | Value |
|---|---|
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS Halogen-free Free of phosphoric acid ester |
| Degree of contamination | 3 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath color | Grey |
| Material housing | PA TPE-U(PUR) |
| Housing color | Black |
| Material of union nut | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Gold-plated copper alloy |
| Material threaded sleeve | Nickel-plated brass |