

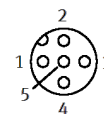
connecting cable

NEBU-M12G5-E-5-Q8N-M12G5

Part number: 574321

FESTO

Suitable for use with energy chains.



Data sheet

| Feature | Value |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Conforms to standard | EN 61076-2-101 |
| Cable identification | Without inscription label holder |
| Product weight | 434 g |
| 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 | 5 |
| 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 | 5 |
| Electrical connection 2, occupied pins/wires | 5 |
| Electrical connection 2, type of mounting | Screw lock |
| Operating voltage range DC | 0 ... 60 V |
| Operating voltage range AC | 0 ... 60 V |
| Acceptable current load at 40°C | 4 A |
| Surge strength | 1.5 kV |
| Cable length | 5 m |
| Cable attribute | Suitable for energy chains |
| Test conditions of cable | Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm |
| Bending radius, fixed cable installation | 21 mm |
| Bending radius, flexible cable installation | 71 mm |
| Cable diameter | 7 mm |
| Cable diameter tolerance | ± 0,1 mm |
| Cable structure | 5x1 |
| Nominal conductor cross-section | 1 mm ² |
| Protection class | IP65 IP68 IP69K |
| Note on degree of protection | in assembled condition |
| Special characteristics | Oil resistant |
| Ambient temperature | -25 ... 80 °C |
| Ambient temperature with flexible cable installation | -5 ... 80 °C |
| CE mark (see declaration of conformity) | to EU directive low-voltage devices in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment |

| Feature | Value |
|-----------------------------------------|-------------------------------------------------------------------|
| | To UK RoHS instructions |
| 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 colour | Grey |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material screw-type lock | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Gold-plated copper alloy |
| Material insulation | PP |