

Connecting cable NEBS-SM12G12-E-0.3-N-M12G12

Part number: 3947404

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---------------------------------------|
| Conforms to standard | EN 61076-2-101 |
| Cable designation | With accessories |
| Frequency of connection | 100 |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Plugs |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connector system | M12x1, A-coded to EN 61076-2-101 |
| Electrical connection 1, number of connections/cores | 12 |
| Electrical connection 1, used connections/cores | 12 |
| Electrical connection 1, type of mounting | Screw-type lock with hexagon, size 13 |
| Electrical connection 1, connection pattern | 00995669 |
| Electrical connection 2, function | Controller side |
| Electrical connection 2, design | Round |
| Electrical connection 2, connection type | Plugs |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connector system | M12x1, A-coded to EN 61076-2-101 |
| Electrical connection 2, number of connections/cores | 12 |
| Electrical connection 2, used connections/cores | 12 |
| electrical connection 2, type of mounting | Screw lock with hex A/F13 |
| Electrical connection 2, connection pattern | 00995669 |
| Operational voltage range DC | 0 V ... 30 V |
| Operational voltage range AC | 0 V ... 30 V |
| Current rating at 40° C | 1.5 A |
| Immunity to surge | 0.5 kV |
| Cable length | 0.3 m |
| Cable characteristic | Suitable for energy chains |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | ≥32 mm |
| Bending radius, moving cable | ≥65 mm |
| Cable diameter | 6.5 mm |
| Cable structure | 12 x 0.25 mm ² |
| Nominal cross section conductor | 0.25 mm ² |
| Degree of protection | IP67 |
| Note on degree of protection | In assembled state |
| Ambient temperature | -5 °C ... 70 °C |

| Feature | Value |
|--|--------------------------------------|
| Ambient temperature with moving cable | -5 °C ... 70 °C |
| CE mark (see declaration of conformity) | In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Note on materials | RoHS-compliant |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath colour | Black |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material screw-type lock | Die-cast zinc, nickel-plated |
| Material electrical contact | Gold-plated brass |