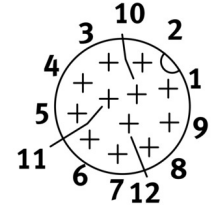
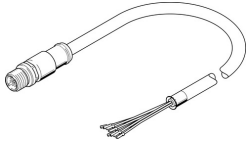


Connecting cable NEBS-SM12G12-E-5-N-LE12

Part number: 3947395

FESTO



Data sheet

| Feature | Value |
|---|-------------------------------------|
| Type code | NEBS |
| Conforms to standard | EN 61076-2-101 |
| Cable designation | With accessories |
| Contact durability | 100 |
| Electrical connection 1, function | Field device end |
| 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 as per EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 12 |
| Electrical connection 1, occupied pins/wires | 12 |
| Electrical connection 1, type of mounting | Screw-type lock with hexagon, AF 13 |
| Electrical connection for input 1, connection pattern | 00995669 |
| Electrical connection 2, function | Control side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, connection technology | Open end |
| Electrical connection 2, number of pins/wires | 12 |
| Electrical connection 2, occupied pins/wires | 12 |
| DC operating voltage range | 0 V ... 30 V |
| Operating voltage range AC | 0 V ... 30 V |
| Current rating at 40°C | 1.5 A |
| Surge resistance | 0.5 kV |
| Cable length | 5 m |
| Cable characteristic | Suitable for energy chains |
| Connector cable test conditions | Test conditions on request |
| Bending radius, fixed cable installation | ≥32 mm |
| Bending radius, flexible cable installation | ≥65 mm |
| Cable diameter | 6.5 mm |
| Cable design | 12 x 0.25 mm ² |
| Nominal conductor cross section | 0.25 mm ² |
| Wire ends | Cut off bluntly |
| Degree of protection | IP67 |
| Note on degree of protection | In mounted state |

| Feature | Value |
|--|------------------------------|
| Ambient temperature | -5 °C ... 70 °C |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C |
| Note on materials | RoHS-compliant |
| Contamination level | 3 |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| Material of cable sheath | TPE-U(PUR) |
| Color cable sheath | Black |
| Housing material | TPE-U(PUR) |
| Housing colour | Black |
| Material of screw-type lock | Die-cast zinc, nickel-plated |
| Material of pin contacts | Brass, gold-plated |