

Connecting cable NEBS-M12G12-KS-0.5-SM12G12

Part number: 3056124

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Cable designation | With label holder |
| Mounting position | Any |
| Product weight | 87 g |
| Electrical connection 1 | Straight socket, M12x1, 12-pin, A-coded |
| Electrical connection 2 | Straight socket, M12x1, 12-pin, A-coded |
| DC operating voltage range | 0 V ... 30 V |
| Nominal operating voltage DC | 30 V |
| Current rating at 40° C | 1.5 A |
| Surge resistance | 0.8 kV |
| Shield | Yes |
| Cable length | 0.5 m |
| Cable characteristic | Basic |
| Connector cable test conditions | Flexural strength: as per Festo standard |
| Min. cable bending radius | 85 mm |
| Bending radius, fixed cable installation | 42.5 mm |
| Cable diameter | 8.5 mm |
| Cable diameter tolerance | ± 0.2 mm |
| Cable design | 12 x 0.14 mm ² |
| Connection cross section | 0.14 mm ² |
| Wire insulation color code | Pin 1 = brown Pin 10 = purple Pin 11 = gray/pink Pin 12 = red/blue Pin 2 = blue Pin 3 = white Pin 4 = green Pin 5 = pink Pin 6 = yellow Pin 7 = black Pin 8 = gray Pin 9 = red |
| Degree of protection | IP67 |
| Ambient temperature | -30 °C ... 80 °C |
| Ambient temperature with flexible cable installation | -25 °C ... 80 °C |
| CE marking (see declaration of conformity) | As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Note on materials | RoHS compliant |
| Contamination level | 3 |

| Feature | Value |
|----------------------------------|--|
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Material of cable sheath | TPE-U(PUR) |
| Color cable sheath | Black |
| Material of union nut | Die-cast zinc |
| Seals material | NBR |
| Material of pin contacts | Brass Nickel-plated and gold-plated |