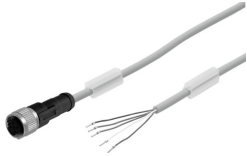


Connecting cable NEBS-M12G5-ES-5-LE5

Part number: 8030962

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|--|
| Based on standard | EN 61076-2-101 |
| Cable designation | With 2x inscription label holders |
| Frequency of connection | 100 |
| Type of mounting | Via knurled nut |
| Product weight | 276 g |
| Electrical connection 1, function | Field device side |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection type | Socket |
| 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 | 5 |
| Electrical connection 1, used connections/cores | 5 |
| Electrical connection 1, type of mounting | Screw-type lock Rotatable |
| Electrical connection 1, compatible type of mounting | Compatible with rotatable/non-rotatable screw-type lock |
| Electrical connection 1, connection pattern | 00995384 |
| Electrical connection 1, terminal allocation | Pin 1 = BN Pin 2 = WH Pin 3 = BU Pin 4 = BK Pin 5 = GY |
| Electrical connection 2, function | Controller side |
| Electrical connection 2, connection type | Cable |
| Electrical connection 2, connector system | Open end |
| Electrical connection 2, number of connections/cores | 5 |
| Electrical connection 2, used connections/cores | 5 |
| Operational voltage range DC | 0 V ... 60 V |
| Operational voltage range AC | 0 V ... 48 V |
| Current rating at 40° C | 4 A |
| Immunity to surge | 1.5 kV |
| Protective conductor connection | Not available |
| Shielding | yes |
| Cable length | 5 m |
| Cable characteristic | Suitable for energy chains |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | ≥26 mm |
| Bending radius, moving cable | ≥52 mm |

| Feature | Value |
|--|---|
| Cable diameter | 5.25 mm |
| Cable diameter tolerance | ± 0.2 mm |
| Cable structure | 5 x 0.34 mm ² |
| Nominal cross section conductor | 0.34 mm ² |
| Conductor nominal cross section | AWG22 |
| Wire ends | Cut off bluntly |
| Degree of protection | IP65 IP67 |
| Note on degree of protection | In assembled state |
| Special characteristics | UV resistant Abrasion-resistant Low adhesion Flame-retardant and self-extinguishing Hydrolysis-resistant Alkali resistant Solvent-resistant Resistant to microbes Oil resistant Acid resistant |
| Ambient temperature | -40 °C ... 80 °C |
| Ambient temperature with moving cable | -25 °C ... 60 °C |
| Overvoltage category | II |
| 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 Free of halogen Silicone free |
| Pollution degree | 3 |
| Note on the contamination level | In mounted state |
| 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 seals | NBR |
| Material electrical contact | Nickel-plated and gold-plated bronze |
| Material insulating sheath | PP |