

Connecting cable NEBB-M8G4-P-2.5-LE4

Part number: 8066661

FESTO



Data sheet

| Feature | Value |
|--|---|
| Conforms to standard | Wire colours and connection numbers to EN 60947-5-2 EN 61076-2-104 |
| Explosion protection | The information in the certificate must be observed! Zone 2 (ATEX) Zone 22 (ATEX) |
| Cable designation | With label holder |
| 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 | M8x1, A-coded, to EN 61076-2-104 |
| Electrical connection 1, number of connections/cores | 4 |
| Electrical connection 1, used connections/cores | 4 |
| Electrical connection 1, type of mounting | Screw-type lock, size 9 mm A/F |
| 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 | 4 |
| Electrical connection 2, used connections/cores | 4 |
| Operational voltage range DC | 0 V...30 V |
| Operational voltage range AC | 0 V...30 V |
| Current rating at 40° C | 4 A |
| Immunity to surge | 0.8 kV |
| Cable length | 2.5 m |
| Cable characteristic | For static applications |
| Test conditions cable | Test conditions on request |
| Bending radius, fixed cable | 14 mm |
| Cable diameter | 4.5 mm |
| Cable structure | 4 x 0.25 mm ² |
| Nominal cross section conductor | 0.25 mm ² |

| Feature | Value |
|--|--------------------------------------|
| Wire ends | Sheath removed Cut off bluntly |
| Degree of protection | IP65 IP68 IP69K |
| Note on degree of protection | In assembled state |
| Ambient temperature | -25 °C...70 °C |
| CE mark (see declaration of conformity) | In accordance with EU RoHS Directive |
| CE marking (see declaration of conformity) | To UK RoHS instructions |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Cleanroom class | Class 4 according to ISO 14644-1 |
| Note on materials | RoHS-compliant |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| Material cable sheath | PVC |
| Cable sheath colour | Grey |
| Material housing | TPE-U(PU) |
| Housing colour | Black |
| Material screw-type lock | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Gold-plated copper alloy |
| Material insulating sheath | PVC |