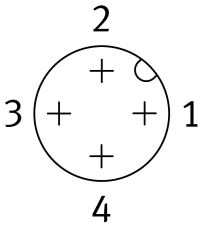
# Connecting cable
# NEBV-M12G8-K-2-M12G4

Part number: 553575






## Data sheet

| Feature | Value |
|---|---|
| Conforms to standard | EN 61076-2-101 |
| Cable designation | Without inscription 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 | M12x1, A-coded to EN 61076-2-101 |
| Electrical connection 1, number of connections/cores | 8 |
| Electrical connection 1, used connections/cores | 4 |
| Electrical connection 1, type of mounting | Screw-type lock |
| 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 | 4 |
| Electrical connection 2, used connections/cores | 4 |
| electrical connection 2, type of mounting | Screw-type lock |
| Operational voltage range DC | 0 V...30 V |
| Operational voltage range AC | 0 V...30 V |
| Current rating at 40° C | 2 A |
| Immunity to surge | 0.8 kV |
| Shielding | yes |
| Cable length | 2 m |
| Cable characteristic | Standard |
| Bending radius, fixed cable | 29 mm |
| Bending radius, moving cable | 58 mm |
| Cable diameter | 5.6 mm |
| Cable diameter tolerance | ± 0.2 mm |
| Cable structure | 4 x 0.34 mm² |

| Feature | Value |
|---|---|
| Nominal cross section conductor | 0.34 mm² |
| Degree of protection | IP67 |
| Note on degree of protection | In assembled state |
| Ambient temperature | -25 °C...85 °C |
| Ambient temperature with moving cable | -5 °C...80 °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<br>Free of halogen |
| Pollution degree | 3 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| Material cable sheath | TPE-U(PUR) |
| Cable sheath colour | Grey |
| Material housing | TPE-U(PUR) |
| Housing colour | Black |
| Material screw-type lock | Nickel-plated brass |
| Material seals | NBR |
| Material electrical contact | Gold-plated brass |
| Material insulating sheath | PP |