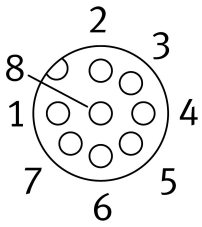
# Connecting cable
# NEBV-M12G8-KD-3-M12G4

Part number: 547888






## Data sheet

| Feature | Value |
|---|---|
| Conforms to standard | DIN 47100<br>EN 61076-2-101 |
| Structural design | Y-distributor with cables at both ends |
| Distributor type | 1 to 2 |
| Additional functions | Distribution of the analog inputs and outputs of a proportional pressure control valve |
| Cable designation | Without label holder |
| Type of mounting | With through-hole for M3 screw |
| 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, connection technology | M12x1 A-coded as per EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 8 |
| Electrical connection 1, occupied pins/wires | 5 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Electrical connection 2, function | Control side |
| Electrical connection 2, design | Round |
| Electrical connection 2, connection type | Plug |
| Electrical connection 2, cable outlet | Straight |
| Electrical connection 2, connection technology | M12x1 A-coded as per EN 61076-2-101 |
| Electrical connection 2, number of pins/wires | 4 |
| Electrical connection 2, occupied pins/wires | 4 |
| Electrical connection 2, type of mounting | Screw-type lock |
| Electrical connection 3, function | Control side |
| Electrical connection 3, design | Round |
| Electrical connection 3, connection type | Plug |
| Electrical connection 3, cable outlet | Straight |
| Electrical connection 3, connection technology | M12x1 A-coded as per EN 61076-2-101 |
| Electrical connection 3, number of pins/wires | 4 |

| Feature | Value |
|---|---|
| Electrical connection 3, occupied pins/wires | 3 |
| Electrical connection 3, type of mounting | Screw-type lock |
| DC operating voltage range | 0 V...30 V |
| Operating voltage range AC | 0 V...30 V |
| Current rating at 40° C | 2 A |
| Surge resistance | 0.8 kV |
| Shield | Yes |
| Cable length 1 | 2.5 m |
| Cable length 2 | 0.5 m |
| Cable characteristic | Standard |
| Bending radius 1, fixed cable installation | 33 mm |
| Bending radius 1, flexible cable installation | 66 mm |
| Bending radius 2, fixed cable installation | 33 mm |
| Bending radius 2, flexible cable installation | 66 mm |
| Cable diameter 1 | 6.3 mm |
| Cable diameter tolerance 1 | ± 0.2 mm |
| Cable diameter 2 | 6.3 mm |
| Cable diameter 2 tolerance | ± 0.2 mm |
| Cable design | 8 x 0.25 mm² |
| Nominal conductor cross section | 0.25 mm² |
| Degree of protection | IP67 |
| Note on degree of protection | In mounted state |
| Ambient temperature | -25 °C...80 °C |
| Ambient temperature with flexible cable installation | -5 °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<br>Halogen-free |
| Contamination level | 3 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Material of cable sheath | TPE-U(PUR) |
| Color cable sheath | Gray |
| Housing material | TPE-U(PUR) |
| Housing colour | Black |
| Material of screw-type lock | Brass, nickel-plated |
| Seals material | NBR |
| Material of pin contacts | Brass, nickel-plated and gold-plated |
| Insulating sheath material | PP |