



Part no.: 50134942
KS ET-M12-4W-P7-050
Connection cable

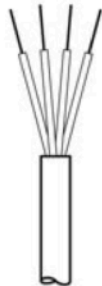
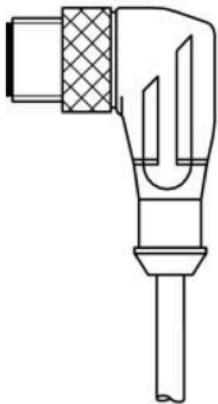


Figure can vary

Contents

- Technical data
- Electrical connection

Technical data

| Basic data | |
|--|---|
| Suitable for interface | Ethernet |
| Electrical data | |
| Performance data | |
| Operating voltage | 60 V DC |
| Connection | |
| Connection 1 | |
| Type of connection | Connector |
| Thread size | M12 |
| Type | Male |
| Handle body material | PUR |
| No. of pins | 4 -pin |
| Encoding | D-coded |
| Design | Angled |
| Lock | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking |
| Connection 2 | |
| Type of connection | Open end |
| Cable properties | |
| Number of conductors | 4 Piece(s) |
| Wire cross section | 0.34 mm ² |
| AWG | 22 |
| Sheathing color | Green |
| Shielded | Yes |
| Silicone-free | Yes |
| Cable design | Connection cable (open on one end) |
| Cable diameter (external) | 6.7 mm |
| Cable length | 5,000 mm |
| Sheathing material | PUR |
| Wire insulation | PP |
| Suitability for drag chains | Yes |
| Traverse rate | Max. 3.3 m/s with horiz. traverse path of 5m and and max. acceleration of 2m/s ² |
| Properties of the outer sheathing | Free of CFC, cadmium, silicone, halogen and lead, matt, low-adhesion, abrasion-resistant, easily machine-processable |
| Resistance of the outer sheathing | Hydrolysis and microbe resistant, good oil, gasoline and chemical resistance in accordance with VDE 0472 part 803 test B, flame retardant in accordance with UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 |
| Mechanical data | |
| Width across flats | 13 mm |
| Bending cycles | 2,000,000 Piece(s) |
| Bending radius, flexible laying, min. | Min. 15 x cable diameter |
| Bending radius, stationary laying, min. | One-time min. 5 x cable diameter |
| Environmental data | |
| Ambient temperature, operation, flexible use | -20 ... 60 °C |

Part no.: 50134942 – KS ET-M12-4W-P7-050 – Connection cable

Ambient temperature, operation, stationary use -20 ... 60 °C

Certifications

Degree of protection IP 65
IP 67

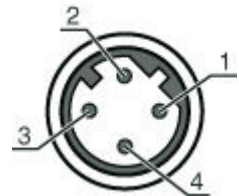
Classification

Customs tariff number 85444290
eCl@ss 8.0 27279218
eCl@ss 9.0 27060311
ETIM 5.0 EC001855
ETIM 6.0 EC001855

Electrical connection

| Connection 1 | |
|----------------------|--|
| Type of connection | Connector |
| Thread size | M12 |
| Type | Male |
| Handle body material | PUR |
| No. of pins | 4 -pin |
| Encoding | D-coded |
| Design | Angled |
| Lock | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking |

| Pin | Conductor color |
|-----|-----------------|
| 1 | Yellow |
| 2 | White |
| 3 | Orange |
| 4 | Blue |



| Connection 2 | |
|--------------------|----------|
| Type of connection | Open end |