



Part no.: 50135939
KD S-M12-8W-P1-500
Connection cable

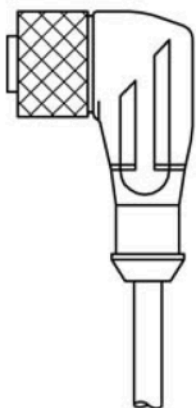


Figure can vary

Contents

- Technical data
- Electrical connection

Part no.: 50135939 – KD S-M12-8W-P1-500 – Connection cable

Technical data

Electrical data

Performance data

| | |
|-------------------|------------|
| Operating voltage | 30 V AC/DC |
|-------------------|------------|

Connection

Connection 1

| | |
|----------------------|--|
| Type of connection | Connector |
| Thread size | M12 |
| Type | Female |
| Handle body material | PUR |
| No. of pins | 8 -pin |
| Encoding | A-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 | 8 Piece(s) |
| Wire cross section | 0.25 mm ² |
| AWG | 24 |
| Sheathing color | Black |
| Shielded | Yes |
| Silicone-free | Yes |
| Cable design | Connection cable (open on one end) |
| Cable diameter (external) | 6.6 mm |
| Cable length | 50,000 mm |
| Sheathing material | PUR |
| Wire insulation | PP |

Mechanical data

| | |
|---|--------------------------|
| Width across flats | 13 mm |
| Bending cycles | 2,000,000 Piece(s) |
| Bending radius, flexible laying, min. | Min. 10 x cable diameter |
| Bending radius, stationary laying, min. | Min. 5 x cable diameter |

Environmental data

| | |
|--|---------------|
| Ambient temperature, operation, flexible use | -20 ... 80 °C |
| Ambient temperature, operation, stationary use | -40 ... 80 °C |

Certifications

| | |
|----------------------|----------------|
| Degree of protection | IP 65 IP 67 |
|----------------------|----------------|

Classification

| | |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |

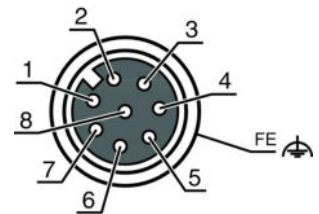
Part no.: 50135939 – KD S-M12-8W-P1-500 – Connection cable

| | |
|----------|----------|
| ETIM 5.0 | EC001855 |
| ETIM 6.0 | EC001855 |

Electrical connection

| Connection 1 | |
|----------------------|--|
| Type of connection | Connector |
| Thread size | M12 |
| Type | Female |
| Handle body material | PUR |
| No. of pins | 8 -pin |
| Encoding | A-coded |
| Design | Angled |
| Lock | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking |

| Pin | Conductor color |
|-----|-----------------|
| 1 | White |
| 2 | Brown |
| 3 | Green |
| 4 | Yellow |
| 5 | Gray |
| 6 | Pink |
| 7 | Blue |
| 8 | Red |



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