

Technical data sheet Interconnection cable

Part no.: 50140231

KDS U-M83AM83A-V2110-015

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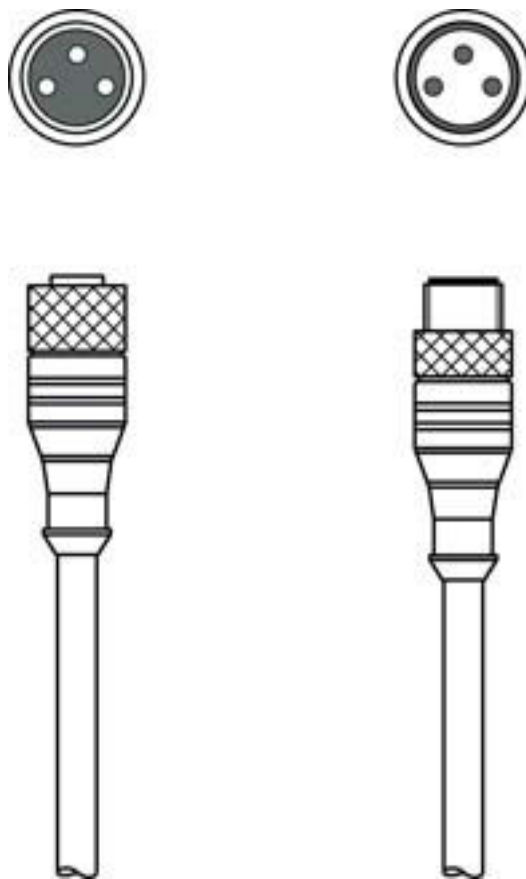


Figure can vary



Technical data

Electrical data

Performance data

| | |
|-------------------|-----------------|
| Operating voltage | Max. 60 V AC/DC |
|-------------------|-----------------|

Connection

Connection 1

| | |
|----------------------|---|
| Type of connection | Connector |
| Thread size | M8 |
| Type | Female |
| Handle body material | TPU |
| No. of pins | 3 -pin |
| Version | Axial |
| Lock | Screw fitting, nickel-plated brass, recommended torque 0.5 Nm, self-locking |

Connection 2

| | |
|----------------------|---|
| Type of connection | Connector |
| Thread size | M8 |
| Type | Male |
| Handle body material | TPU |
| No. of pins | 3 -pin |
| Encoding | A-coded |
| Version | Axial |
| Lock | Screw fitting, nickel-plated brass, recommended torque 0.5 Nm, self-locking |

Cable properties

| | |
|-----------------------------|-----------------------|
| Number of conductors | 3 Piece(s) |
| Wire cross section | 0.34 mm ² |
| AWG | 22 |
| Sheathing color | Yellow |
| Shielded | No |
| Silicone-free | Yes |
| Cable design | Interconnection cable |
| Cable length | 1,500 mm |
| Sheathing material | TPE |
| Wire insulation | SR-PVC |
| Suitability for drag chains | No |

Mechanical data

| | |
|--------------------|--------------------|
| Width across flats | 9.6 mm |
| Bending cycles | 1,000,000 Piece(s) |

Operation and display

Environmental data

| | |
|--|---------------|
| Ambient temperature, operation, flexible use | -10 ... 80 °C |
| Ambient temperature, operation, stationary use | -30 ... 80 °C |

Certifications

| | |
|----------------------|---------|
| Degree of protection | IP 65 |
| | IP 67 |
| | NEMA 6P |

Classification

| | |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| eCl@ss 5.1.4 | 27279201 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |
| eCl@ss 10.0 | 27060311 |
| eCl@ss 11.0 | 27060311 |
| ETIM 5.0 | EC001855 |
| ETIM 6.0 | EC001855 |
| ETIM 7.0 | EC001855 |

Electrical connection

Connection 1

| | |
|----------------------|---|
| Type of connection | Connector |
| Thread size | M8 |
| Type | Female |
| Handle body material | TPU |
| No. of pins | 3 -pin |
| Version | Axial |
| Lock | Screw fitting, nickel-plated brass, recommended torque 0.5 Nm, self-locking |

Electrical connection

Connection 2

| | |
|----------------------|---|
| Type of connection | Connector |
| Thread size | M8 |
| Type | Male |
| Handle body material | TPU |
| No. of pins | 3 -pin |
| Encoding | A-coded |
| Version | Axial |
| Lock | Screw fitting, nickel-plated brass, recommended torque 0.5 Nm, self-locking |

Circuit diagrams

Wiring schematic

