

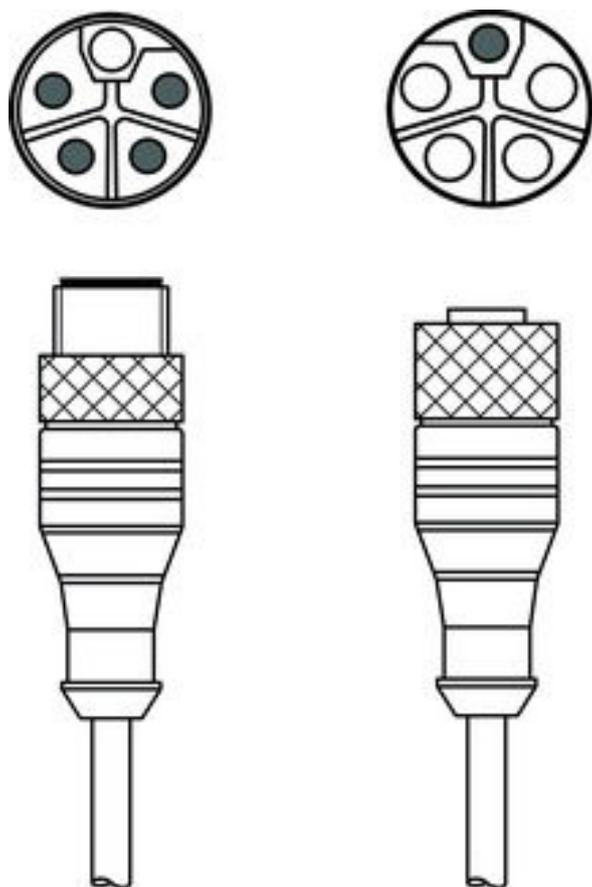
Technical data sheet Interconnection cable

Part no.: 50141462

KDS PL-M12-5A-M12-5A-P0-020

Contents

- Technical data
- Electrical connection
- Circuit diagrams



For illustration purposes only



Technical data

Basic data

| | |
|--------------|---------|
| Suitable for | MD 748i |
|--------------|---------|

Electrical data

Performance data

| | |
|-------------------|-------------------|
| Operating voltage | 50 V AC / 60 V DC |
|-------------------|-------------------|

Connection

Connection 1

| | |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size | M12 |
| Type | Male |
| No. of pins | 5 -pin |
| Encoding | L-coded |
| Version | Axial |
| Connector, LED | No |

Connection 2

| | |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size | M12 |
| Type | Female |
| No. of pins | 5 -pin |
| Encoding | L-coded |
| Version | Axial |

Cable properties

| | |
|-----------------------------|---|
| Number of conductors | 5 Piece(s) |
| Wire cross section | 1.5 mm ² |
| Sheathing color | Gray |
| Shielded | No |
| Silicone-free | Yes |
| Cable diameter (external) | 2.35 mm |
| Cable length | 2,000 mm |
| Sheathing material | PUR |
| Suitability for drag chains | Yes |
| Traverse rate | Max. 3.3 m/s with horiz. traverse path of 5m and and max. acceleration of 5m/s ² |

Mechanical data

| | |
|------------|-------|
| Net weight | 235 g |
|------------|-------|

Operation and display

Environmental data

| | |
|--|---------------|
| Ambient temperature, operation, flexible use | -30 ... 90 °C |
| Ambient temperature, operation, stationary use | -40 ... 90 °C |

Certifications

| | |
|----------------------|---------|
| Degree of protection | IP 65 |
| | IP 67 |
| | IP 69K |
| Approvals | c UL US |

Classification

| | |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| ECLASS 5.1.4 | 27279201 |
| ECLASS 8.0 | 27279218 |
| ECLASS 9.0 | 27060311 |
| ECLASS 10.0 | 27060311 |
| ECLASS 11.0 | 27060311 |
| ECLASS 12.0 | 27060311 |
| ECLASS 13.0 | 27060311 |
| ECLASS 14.0 | 27060311 |
| ECLASS 15.0 | 27060311 |
| ECLASS 16.0 | 27060311 |
| ETIM 5.0 | EC001855 |
| ETIM 6.0 | EC001855 |
| ETIM 7.0 | EC001855 |
| ETIM 8.0 | EC001855 |
| ETIM 9.0 | EC001855 |
| ETIM 10.0 | EC001855 |

Electrical connection

Connection 1

| | |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size | M12 |
| Type | Male |
| No. of pins | 5 -pin |
| Encoding | L-coded |
| Version | Axial |
| Connector, LED | No |

Connection 2

| | |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size | M12 |
| Type | Female |
| No. of pins | 5 -pin |
| Encoding | L-coded |
| Version | Axial |

Circuit diagrams

