



Part no.: 50137077  
**KSS ET-M12-4A-M12-4A-P7-020**  
Interconnection cable



Figure can vary

## Contents

- Technical data
- Electrical connection

## Technical data

| <b>Basic data</b>                       |   |
|---|---|
| Suitable for interface                  | Ethernet  |
| <b>Electrical data</b>                  |   |
| <b>Performance data</b>                 |   |
| Operating voltage                       | 60 V DC   |
| <b>Connection</b>                       |   |
| <b>Connection 1</b>                     |   |
| Type of connection                      | Connector   |
| Thread size                             | M12   |
| Type                                    | Male  |
| No. of pins                             | 4 -pin  |
| Encoding                                | D-coded   |
| Design                                  | Axial   |
| <b>Connection 2</b>                     |   |
| Type of connection                      | Connector   |
| Thread size                             | M12   |
| Type                                    | Male  |
| No. of pins                             | 4 -pin  |
| Encoding                                | D-coded   |
| Design                                  | Axial   |
| <b>Cable properties</b>                 |   |
| Number of conductors                    | 4 Piece(s)  |
| Wire cross section                      | 0.34 mm <sup>2</sup>  |
| AWG                                     | 22  |
| Sheathing color                         | Green   |
| Shielded                                | Yes   |
| Silicone-free                           | Yes   |
| Cable design                            | Interconnection cable   |
| Cable diameter (external)               | 6.7 mm  |
| Cable length                            | 2,000 mm  |
| Sheathing material                      | PUR   |
| Wire insulation                         | PP  |
| Traverse rate                           | Max. 3.3 m/s with horiz. traverse path of 5m and and max. acceleration of 2m/s <sup>2</sup>   |
| Suitability for drag chains             | Yes   |
| 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 |
| <b>Mechanical data</b>                  |   |
| Width across flats                      | 13 mm   |
| Bending cycles                          | 2,000,000 Piece(s)  |
| Bending radius, flexible laying, min.   | One-time min. 5 x cable diameter  |
| Bending radius, stationary laying, min. | One-time min. 5 x cable diameter  |

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#### Environmental data

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

#### Certifications

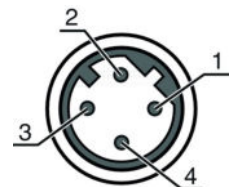
|                      |       |
|----------------------|-------|
| Degree of protection | IP 67 |
|----------------------|-------|

#### 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      |
| No. of pins        | 4 -pin    |
| Encoding           | D-coded   |
| Design             | Axial     |



| Connection 2         |           |
|----------------------|-----------|
| Type of connection   | Connector |
| Thread size          | M12       |
| Type                 | Male      |
| Handle body material |           |
| No. of pins          | 4 -pin    |
| Encoding             | D-coded   |
| Design               | Axial     |
| Lock                 |           |

