

## Technical data sheet

Actuator sensor interface · M8 / M8 - cables

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**Male M8 straight to female M8 straight with PUR cable**  
**Self-locking screw connection**  
**C-track compatible, halogen free**



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### Identification

Type STG4-M8/KUG4-M8 1,5m PUR  
Part No. [410015](#)

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### Product version

Datasheet version 00

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### Use/Application/Properties

Properties

- Silicone free
- Free from paint wetting disruptive substances (LABS-free)
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Resistance to acids, alkalines and watery solutions

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### General

|                                |                     |
|--------------------------------|---------------------|
| Design                         | M 8×1               |
| Form male 1                    | M 8 male straight   |
| Form male 2                    | M 8 female straight |
| Rated insulation voltage       | 100 V               |
| Test voltage                   | 1500 V              |
| Degree of pollution            | 3                   |
| Contact resistance             | <5 mΩ               |
| Flamability according to UL 94 | HB                  |
| Degree of protection           | IP65/67/68          |
| Housing material               | TPU                 |
| Color of the housing           | black               |
| Contact material               | CuSn, gold-plated   |

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SYSTEMATIC TECHNOLOGY

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|                                    |   |
|------------------------------------|---|
| Thread material                    | Zinc die-casting, nickel-plated   |
| Material sealing ring              | NBR   |
| Mounting                           | Breakaway torque 0.2 Nm   |
| Number of conductors/cross-section | 4 × 0.25 mm <sup>2</sup> (32 × 0.1)   |
| Number of conductors               | 4   |
| Jacket material                    | PUR   |
| Jacket color                       | black   |
| Conductor insulation               | PP  |
| Cable diameter                     | 3.9 mm  |
| Minimum bending radius moving      | 10×D  |
| Storage temperature range          | -30 °C ... +90 °C   |
| Temperature range connector        | -25 °C ... +90 °C   |
| Temperature range fixed            | -40 °C ... +80 °C   |
| Temperature range moving           | -25 °C ... +80 °C   |
| C-track chain properties           | Type B  |
| Conduction properties (TYPE A+B+C) | PUR halogen free for extreme demands<br>Very good chemical stability<br>Very resistant to oils and lubricants<br>Very high abrasion resistance<br>Halogen free<br>Silicone free, free of paint wetting impairment substances<br>Resistant to microbes and hydrolysis<br>Good UV stability |
| Weight/unit                        | 0.1 kg  |
| PU (units)                         | 1   |

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#### Technical data

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|                              |            |
|------------------------------|------------|
| Rated voltage U <sub>N</sub> | AC/DC 24 V |
| Operating voltage max.       | 48 V       |
| Rated current                | 4 A        |
| Pole number                  | 4          |
| Cable length                 | 1.5 m      |
| Coding                       | A          |

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#### Certifications/Standards

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|  |   |
|--|---|
| UV-resistant according to Certifications | DIN EN ISO 4892-2-A<br>cULus Listed (E224249) |
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#### Equipment/Spare parts

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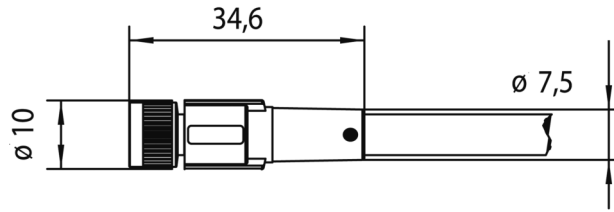
##### Accessories

**Torque setting tool M 8:** Part-No. 490090 | DM-SET M8 | PU: 1 unit

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## Dimensions



## PIN assignment

