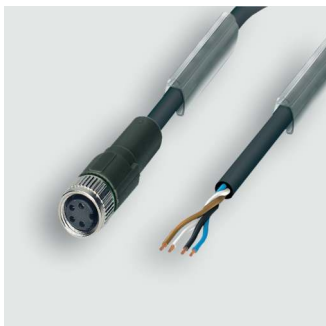


Technical data sheet

Actuator sensor interface · M8 – cables

Female M8 straight with PUR cable, open end
Self-locking screw connection
C-track compatible, halogen free



Identification

Type KUG4-M8 2,0M PUR
Part No. [415020](#)

Product version

Datasheet version 00

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

General

| | |
|--------------------------------|---------------------|
| Design | M 8×1 |
| Form male 1 | M 8 female straight |
| Form male 2 | line end open |
| 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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03.05.2022 · Subject to technical modification

Part No. [415020](#) · Datasheet version: 00

page 1 of 3



SYSTEMATIC TECHNOLOGY

Technical data sheet

Actuator sensor interface · M8 – cables

| | |
|------------------------------------|---|
| 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 ² (32 × 0.1) |
| Number of conductors | 4 |
| Conductor color | black, blue, brown |
| 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 Very good chemical stability Very resistant to oils and lubricants Very high abrasion resistance Halogen free Silicone free, free of paint wetting impairment substances Resistant to microbes and hydrolysis Good UV stability |
| Weight/unit | 0.07 kg |
| PU (units) | 1 |

Technical data

| | |
|------------------------------|------------|
| Rated voltage U _N | AC/DC 24 V |
| Operating voltage max. | 48 V |
| Rated current | 4 A |
| Pole number | 4 |
| Cable length | 2 m |
| Coding | A |

Certifications/Standards

| | |
|--|---|
| UV-resistant according to Certifications | DIN EN ISO 4892-2-A cULus Listed (E224249) |
|--|---|

Equipment/Spare parts

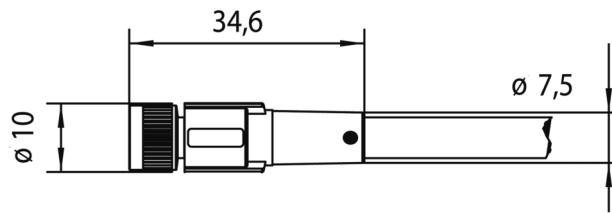
Accessories

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

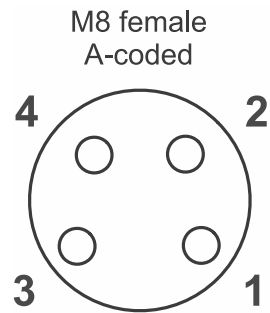
Technical data sheet

Actuator sensor interface · M8 – cables

Dimensions



Pin layout



Circuit diagram

