



| | | |
|-----------------------|----------|--------------------------|
| Identification | Type | STG3-M8/KUG3-M8 0,6M PUR |
| | Part-No. | 487006 |

| | |
|--------------------|--|
| Description | Male M8 straight to female M8 straight with PUR cable self-locking screwed connection c-track compatible, halogen free |
|--------------------|--|

| | |
|------------------------|------------|
| Technical data | |
| Nominal voltage | AC/DC 24 V |
| Nominal voltage range | max. 60 V |
| Rated current | 4 A |
| Number of terminations | 3 |
| Cable length (m) | 0.6 m |
| Contact resistance | <5 mΩ |

| | |
|-------------------------------------|---|
| General | |
| Form | M8 × 1, male straight / M8 × 1, female straight |
| Rated insulation voltage (EN 50178) | 100 V |
| Test voltage | 1.5 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ⁹ Ω |
| Contact resistance | <5 mΩ |

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Part-No. 487006

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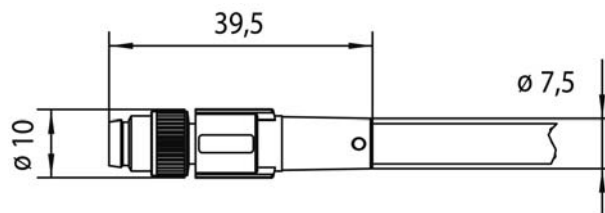
Technical data sheet - Actuator sensor interface

| | |
|--|-------------------------------------|
| Class of flammability according to UL 94 | V0 |
| Protection class | IP65/IP67/IP68 |
| Housing material | TPU black |
| Contact material | CuSn, gold plated nickel |
| Thread material | Zinc die-casting, nickel-plated |
| Gasket | NBR |
| Cable construction | 3 × 0.25 mm ² (32 × 0.1) |
| Cable jacket | PUR black |
| Conductor insulation | PP |
| Cable diameter | 4.4 mm |
| Bending radius | 10 × cable diameter |
| Storage temperature range | -30 °C – 90 °C |
| Temperature range connector | -25 °C – 90 °C |
| Temperature range cable fixed | -40 °C – 80 °C |
| Temperature range cable moving | -25 °C – 80 °C |
| Class of flammability according to UL 94 | V0 |
| Weight (kg/piece) | 0.030 |
| Approvals | cULus |
| PU | 10 |
| C-track chain properties | Type B |

C-track chain properties

| C-track chain properties | Type A | Type B | Type C |
|------------------------------------|--|---------------------|--------------------|
| Bending cycles min. | 5 million | 4 million | 2 million |
| Minimum bending radius | 10 × D | 10 × D | 10 × D |
| Travel distance | 10 m | 10 m | 5 m |
| Acceleration | 7 m/s ² | 10 m/s ² | 5 m/s ² |
| Speed | 3 m/s | 3 m/s | 3 m/s |
| Conduction properties (TYPE A+B+C) | PUR halogen free for extreme demands <ul style="list-style-type: none"> • 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 | | |

Dimensions



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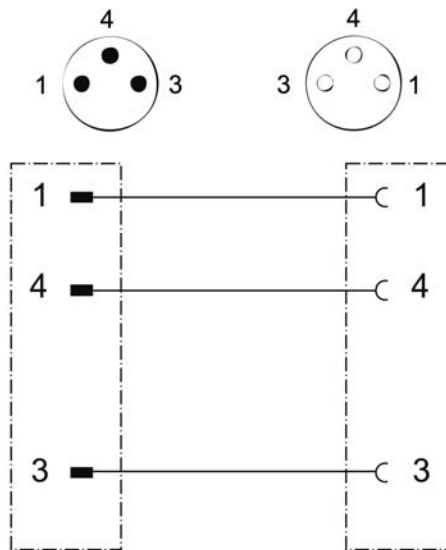
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SYSTEMATIC TECHNOLOGY

Technical data sheet • Actuator sensor interface

PIN assignment



Logo



Accessories

| Accessories | Article number | Type | PU |
|------------------------|----------------|-----------|----|
| Cable markers 4×23mm | 499988 | LB M8/M12 | 5 |
| Torque setting tool M8 | 490090 | DM-SET M8 | 1 |

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