



| | | |
|-----------------------|----------|-----------------|
| Identification | Type | KUW4-M12 5M PUR |
| | Part-No. | 464050 |

| | |
|--------------------|---|
| Description | Female M12 angled with PUR cable, open end self-locking screwed connection c-track compatible, halogen free |
|--------------------|---|

| | |
|------------------------|------------|
| Technical data | |
| Nominal voltage | AC/DC 24 V |
| Nominal voltage range | max. 250 V |
| Rated current | 4 A |
| Number of terminations | 4 |
| Cable length (m) | 5.0 m |
| Coding | A |
| Contact resistance | <5 mΩ |

| | |
|-------------------------------------|------------------------|
| General | |
| Form | M12 × 1, female angled |
| Rated insulation voltage (EN 50178) | 250 V |
| Test voltage | 2.5 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ⁹ Ω |

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Part-No. 464050

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



Technical data sheet - Actuator sensor interface

| | |
|--|-------------------------------------|
| Contact resistance | <5 mΩ |
| 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 | 4 × 0.34 mm ² (42 × 0.1) |
| Cable jacket | PUR black |
| Conductor insulation | PP |
| Cable diameter | 4.7 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) | 0.200 |
| 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 | | |

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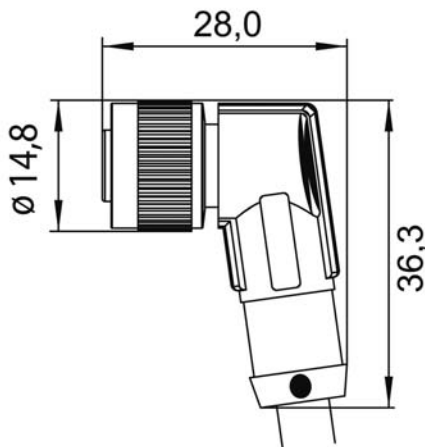
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SYSTEMATIC TECHNOLOGY

Technical data sheet • Actuator sensor interface

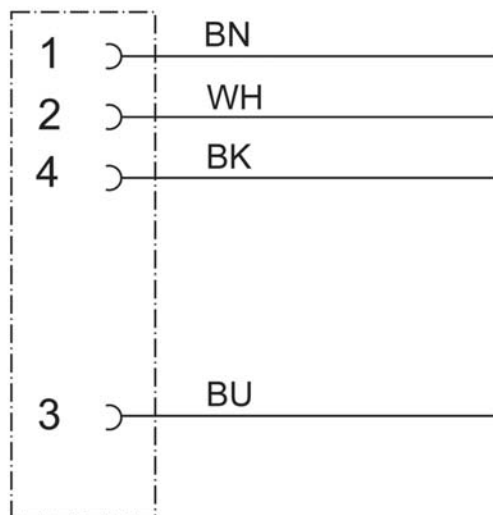
Dimensions



PIN assignment



Circuit diagram



Logo



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SYSTEMATIC TECHNOLOGY

Technical data sheet - Actuator sensor interface

Accessories

| Accessories | Article number | Type | PU |
|-------------------------|----------------|------------|----|
| Cable markers 4×23mm | 499988 | LB M8/M12 | 5 |
| Torque setting tool M12 | 490091 | DM-SET M12 | 1 |

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