

M12 - connector



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|-----------------------|------------------|---|
| Identification | Type Part-No. | KUGK5-M12(C) 5-POL. B-cod. SK 490073 |
|-----------------------|------------------|---|

| | |
|--------------------|---|
| Description | Field wireable connector, M12 straight shielded Male / female - B coded (Profibus, Interbus) Screw terminal |
|--------------------|---|

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|-----------------------|------------|
| Technical data | |
| Nominal voltage | AC/DC 24 V |
| Nominal voltage range | max. 60 V |
| Rated current | 4 A |
| Pol number | 5 |
| Coding | B |
| Shielding | 360° |

| | |
|--|---------------------|
| General | |
| Form | M12 × 1, female |
| Test voltage | 1.5 kV |
| Pollution degree | 3 |
| Insulation resistance | $>10^{10}\Omega$ |
| Contact resistance | $<3\text{ m}\Omega$ |
| Class of flammability according to UL 94 | HB |

30.01.2017 – Subject to technical modification

Part-No. 490073

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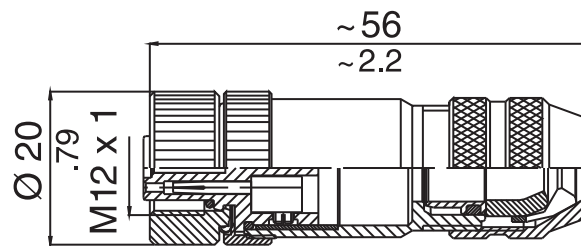


SYSTEMATIC TECHNOLOGY

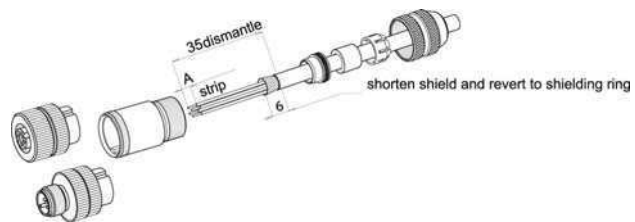
Technical data sheet - Actuator sensor interface

| | |
|-----------------------------|---------------------------------|
| Protection class | IP 67, in screwed condition |
| Housing material | Zinc die-casting, nickel-plated |
| Contact material | CuSn, gold-plated |
| Thread material | CuSn nickel plated |
| Sealing ring | NBR |
| Cable diameter | 6 – 8 mm |
| Storage temperature range | -40 °C ... 90 °C |
| Temperature range connector | -25 °C – 85 °C |
| Mechanical service life | >100 insertion cycles |
| Cross section | max. 0.75 mm ² |
| Weight (kg/piece) | 0.040 |
| Termination | Screw terminal |
| PU | 1 |

Dimensions



Mounting diagram



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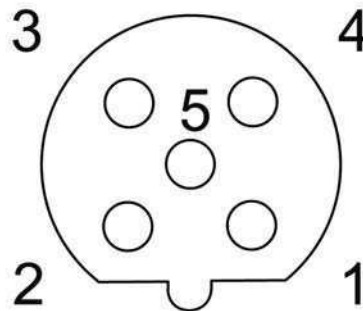
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Pin layout



Comments

suitable for Profibus and Interbus, see bus cables

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