

Technical data sheet

Actuator sensor interface · M12 - connector

Field wireable connector, M12 straight

Male - A coded

Screw terminal



Identification

Type STGK-M12 4POL.SK PG7
Part No. [490017](#)

Product version

Datasheet version 00

General

| | |
|--------------------------------|--------------------------|
| Design | M 12 male straight |
| Form male 1 | M 12 male straight |
| Rated insulation voltage | 2500 V |
| Test voltage | 2950 V |
| Degree of pollution | 3 |
| Insulation resistance | >10000 MΩ |
| Contact resistance | <3 mΩ |
| Flamability according to UL 94 | HB |
| Degree of protection | IP67 |
| Housing material | PA |
| Color of the housing | black |
| Color | black |
| Contact material | CuZn, gold-plated |
| Thread material | CuZn nickel-plate |
| Mounting | Breakaway torque 0.4 Nm |
| Cable diameter | 4 mm – 6 mm |

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SYSTEMATIC TECHNOLOGY

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| | |
|-----------------------------|---|
| Storage temperature range | -40 °C ... +90 °C |
| Temperature range connector | -25 °C ... +85 °C |
| Mechanical service life | >100 insertion cycles |
| Cross-section, metric | 0.75 mm ² |
| Connection type | Screw terminal max. 0.75 mm ² |
| Weight/unit | 0.04 kg |
| PU (units) | 1 |

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| | |
|------------------------------|------------|
| Rated voltage U _N | AC/DC 24 V |
| Operating voltage max. | 250 V |
| Rated current | 4 A |
| Pole number | 4 |
| Coding | A |

Certifications/Standards

| | |
|----------------|-----------------|
| Certifications | cURus (E224249) |
|----------------|-----------------|

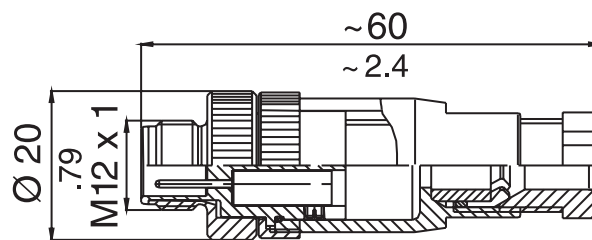
Accessories

Accessories

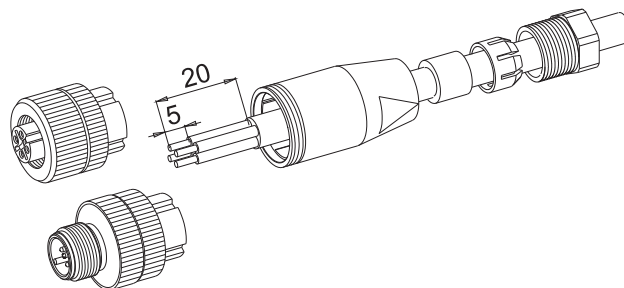
matching cables:

| | | |
|--------|------------------------|----------------------|
| 117243 | SU TR AS PUR 3×0,34 UL | Jacket material: PUR |
| 117244 | SU TR AS PUR 4×0,34 UL | Jacket material: PUR |
| 117245 | SU TR AS PUR 5×0,34 UL | Jacket material: PUR |
| 117246 | SU TR AS PUR 6×0,34 UL | Jacket material: PUR |
| 117242 | SU TR AS PUR 8×0,25 UL | Jacket material: PUR |

Dimensions



Mounting diagram



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Pin layout

