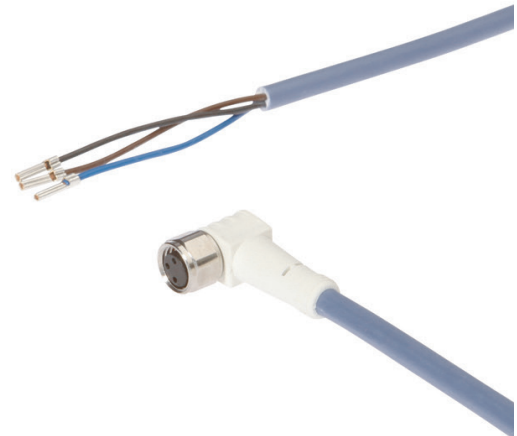


VKA0L071

CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS ONE-SIDED PRE-ASSEMBLED

ipf cable sockets are used primarily for establishing the electrical connection of sensors. Their features are characterized by rugged design, the highest protection classes (IP67 | IP68 | IP69K) and, if desired, with 360° shielding. With the features: bus-ready, suitable for use with drag chains and robots, resistance to oil and chemicals, resistance to welding sparks, their resistance to cleaning agents or high-pressure and steam-jet cleaning, the expanded temperature range of up to +230°C, the rapid interconnection technology and special data transmission properties, the cable sockets meet all requirements in automation technology.



MECHANICAL DATA

| | |
|--|----------------------|
| Ambient temperature | -40 °C ... 105 °C |
| Cable length | 10 m |
| Cable sheath color | Grey |
| Contact body material | CuZn |
| Contact coating material | Gold |
| Degree of protection (IP) | IP67 |
| Housing material | PP |
| Increased ambient temperature > 90°C | Yes |
| Material of cable sheath | TPE |
| Number of wires | 3 |
| Perm. ambient temperature of cable, fixed cable | -40 °C ... 105 °C |
| Perm. ambient temperature of cable, flexible cable | -25 °C ... 105 °C |
| Positioning of cable feed, field side | Angled |
| Seawater-resistant | Yes |
| Suitable for trailing chain | Yes |
| Wire assembly | 42 x 0.1mm |
| Wire cross section | 0.34 mm ² |

ELECTRICAL DATA

| | |
|---|--------------------|
| Ampacity | 4 A |
| Flow resistance | 5 mOhm |
| Line diameter | 4.6 mm |
| Nominal supply voltage | 60 V |
| Number of pins | 3 |
| Rated current I _n | 4 A |
| Rated voltage | 60 V |
| Type of cable | Multi-core |
| Type of electrical connection, field side | M8 |
| Type of electrical connection, housing side | Free conductor end |
| Type of plug-in contact, field side | Female (socket) |
| With LED display | No |

OPTICAL DATA

| | |
|-------------------|---|
| Degree of soiling | 3 |
|-------------------|---|

OTHER DATA

| | |
|---------------------------|-----|
| Acid and alkali-resistant | Yes |
|---------------------------|-----|

| | |
|-----------------|---------------------------------|
| Flame resistant | In accordance with EN 60332-1-2 |
|-----------------|---------------------------------|

| | |
|--------------|-----|
| Free of LABS | Yes |
|--------------|-----|

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|--------------|-----|
| Halogen-free | Yes |
|--------------|-----|

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|------------------|-----|
| Hydrolysis-proof | Yes |
|------------------|-----|

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| Hygienic and wet area | Yes |
|-----------------------|-----|

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|--------------|----|
| IR-networked | No |
|--------------|----|

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|------------------------|-----|
| Ozone and UV-resistant | Yes |
|------------------------|-----|

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|------------|-----|
| Recyclable | Yes |
|------------|-----|

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|----------------|-----|
| RoHS-compliant | Yes |
|----------------|-----|

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|---|-----|
| Suitable for trailing chain and torsion resistant | Yes |
|---|-----|

DIMENSIONAL DRAWING**INSTALLATION**

Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL**SAFETY WARNINGS**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!