

VK50A697

Connection technology • Cable sockets / connectors pre-assembled on two sides

Connection cable, 5m, M12 socket 3-pin angular, Binder connector 7-pin straight, 3-core, Ø4.3mm, LED, suitable for trailing chain and torsion resistant



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.

Electrical features

| | |
|---------------------------------------|------------------|
| Display | LED display |
| Type of plug-in contact, A connection | Female (socket) |
| Type of plug-in contact, B connection | Male (connector) |
| Type of A electrical connection | M12 |
| Type of B electrical connection | Binder |
| Line diameter | 4.3mm |
| Number of pins of A connection | 3 |
| Number of pins of B connection | 7 |
| Operating voltage (DC) | 30V |

Mechanical features

| | |
|------------------------------|------------|
| Number of cores | 3 |
| Wire assembly | 42 x 0.1mm |
| Cable length | 5m |
| Cable infeed of A connection | angular |
| Cable infeed of B connection | straight |
| Suitable for trailing chain | Yes |

Other features

| | |
|---|------------------|
| Flame retardant | No |
| Suitable for trailing chain and torsion resistant | Yes |
| Version | Connection cable |

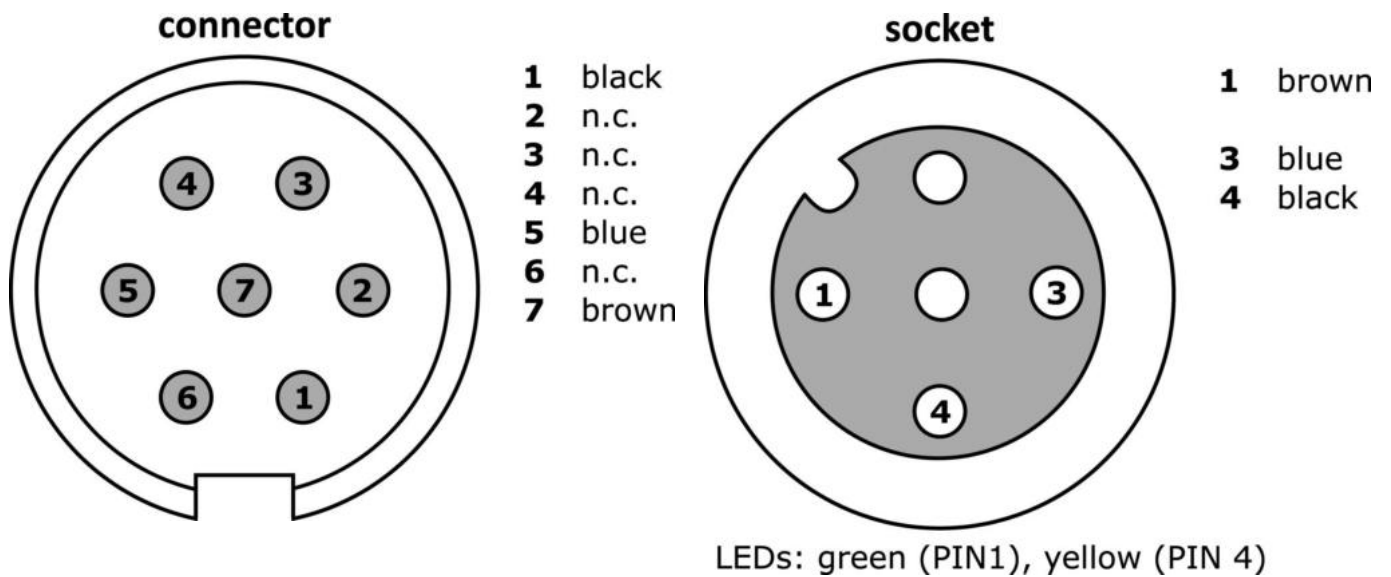
Classification

| | |
|--------|--|
| ETIM 8 | EC001855 Assembled sensor-actuator cable |
|--------|--|

More

| | |
|-----------------------|--|
| IPF Product Group | 856 cable socket / cable connector (diverse) |
| packaging dimensions | 300 x 200 x 18 mm |
| gross weight | 160 g |
| Customs tariff number | 85444290 |
| WEEE number | 40951076 |
| Reach-compliant | Yes |
| RoHS-compliant | Yes |

Connection



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.

Never use these devices in applications where the safety of a person depends on their functionality.

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.

Dimensional drawing

