

VK200421

Connection technology • Cable sockets / connectors pre-assembled on one side

Connection cable, 2m, M12 socket 4-pin angular, free cable end, 4x0.34mm², PUR (polyurethane), Ø4.7mm, -30-90°C, IP67, LED, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free



ipf cable sockets are mainly used for the electrical connection of sensors. Their properties are characterized by the robust version, in the highest degrees of protection (IP67 | IP68 | IP69K) and with 360° shielding on request. With the features: bus-compatible, drag chain and robot-compatible, oil and chemical-resistant, welding spark-resistant, cleaning agent-resistant or resistant to high-pressure and steam jet cleaning, the enlarged temperature range up to +230°C, rapid interconnection (technology) or special data transmission properties, the cable sockets meet all the requirements of automation technology.

Electrical features

Display	LED display
Type of plug-in contact, A connection	Female (socket)
Type of A electrical connection	M12
Type of B electrical connection	Free conductor end
Number of pins of A connection	4
Ampacity	4 A
Operating voltage (DC)	30 V
Coding of connection A	A

Mechanical features

Number of cores	4
Wire assembly	42 x 0.1mm
Conductor cross-section	0.34 mm ²
Cable length	2 m
Cable infeed of A connection	angular
Maximum tightening torque of connection A	1 Nm
bending cycles	5 million cycles
Degree of protection (IP)	IP67
Torsion cycles	+/-360°/m, ≥ 2 million cycles
Material of cable sheath	Kunststoff (PUR)
Perm. ambient temperature of cable, fixed cable	-30 - 90 °C
Material of the screw fitting	Brass
Line diameter	4.7 mm
ardTEME_Werkstoffeigenschaften	Halogenfrei Hydrolysefest LABS-frei Ozonbeständig Silikonfrei UV-Beständig
ardTEME_Umgebungsbestaendigkeiten	Öle Kühlschmiermittel

Other features

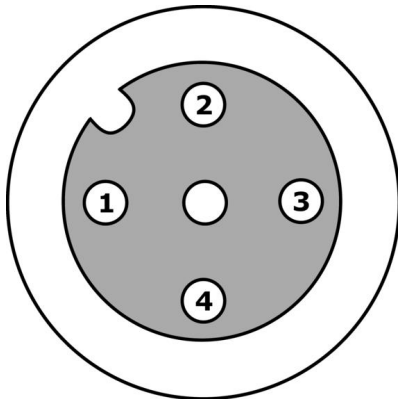
Flame retardant	in accordance with EN 60332-2-2
ardTE00_Anwendungen	Schleppkettentauglich Schweißbereich

Classification

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

More

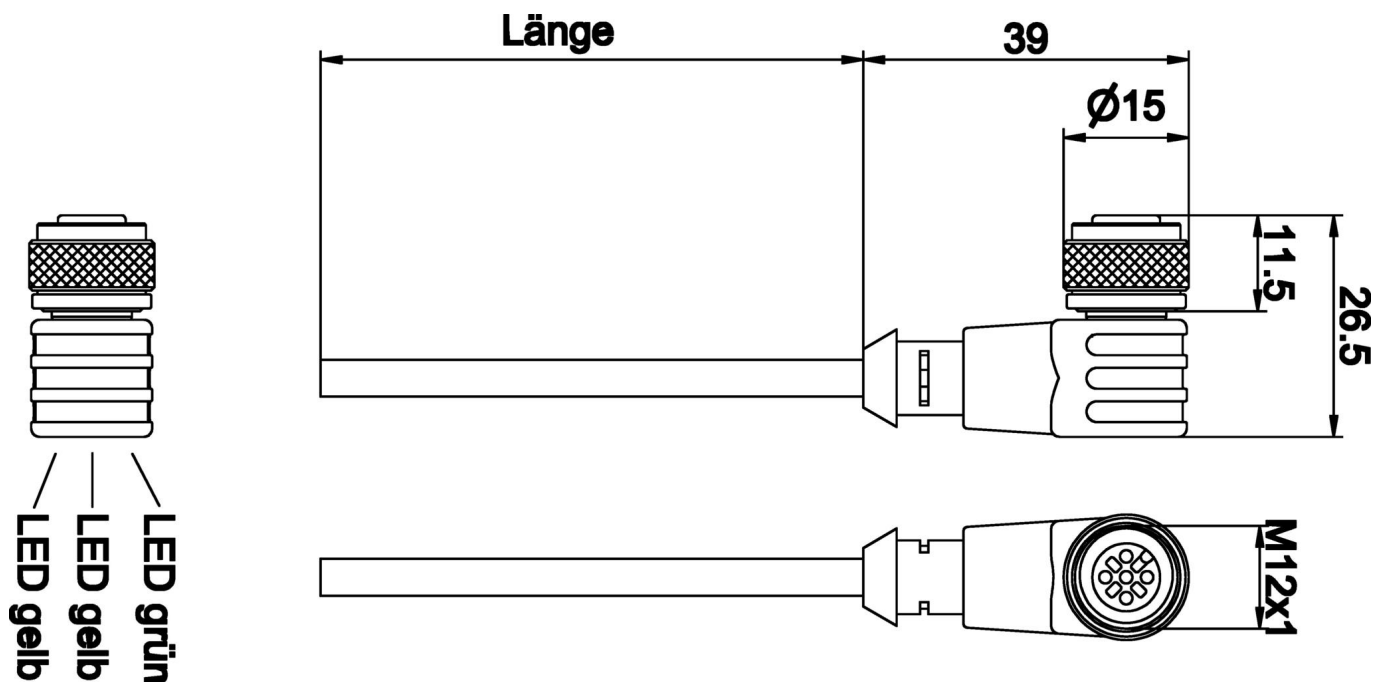
IPF Product Group	850 cable sockets / connectors (one side ready made)
packaging dimensions	160 x 160 x 15 mm
gross weight	70 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

Connection

- 1** brown
- 2** white
- 3** black
- 4** blue

LEDs: green (PIN1), yellow (PIN 2), yellow (PIN4)

Dimensional drawing



Extract accessories program

AV98F001



AV98F002



Tool, wrench insert for torque wrench, SW13

AV000116



Labeling material, Label sleeve, 30mm long, Cable diameter 3.7-6.2mm, Plastic, Transparent

AY000141



Plastic sheath, Ø17mm, Inner diameter 10mm, -40-250°C, Glass fiber with silicone rubber, Short-term resistance to weld spatter 1200°C, Tensile strength 400N, Flexible, Flame retardant, yard good

AV000130



Tool, Wire stripper, 28x166x102mm, Skinning range diameter 4.4-7mm, Plastic

AV000132



Tool, Wire stripper, 28x166x102mm, Skinning range diameter 3.2-4.4mm, Plastic

AV000140



You can find further accessories on our homepage



Installation

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



Disposal

WEEE number according to § 6 para. 3 ElektroG: 40951076

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.