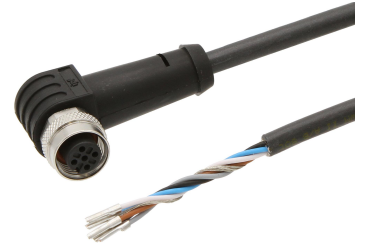


## VK205621

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

Connection cable, 2m, M12 Female (socket) 5pin Angular, Free conductor end, 5x0.34mm<sup>2</sup>, PUR (Polyurethane), Ø6mm, 60V, -25-90°C, IP67, Shielded, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free



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

Type of plug-in contact, A connection	Female (socket)
Type of A electrical connection	M12
Type of B electrical connection	Free conductor end
Operating voltage (AC 50Hz)	60V
Operating voltage (DC)	60V
Line diameter	6mm
Number of pins of A connection	5
Ampacity	4A

#### Mechanical features

Wire assembly	19 x 0.15mm
Wire cross section	0.34mm <sup>2</sup>
Number of cores	5
bending cycles	3 million cycles
Cable length	2m
Cable infeed of A connection	angular
Maximum tightening torque of connection A	1Nm
Degree of protection (IP)	IP67
Torsion cycles	+/-180°/m, ≥ 1 million cycles
Material of cable sheath	PUR (Polyurethane)

#### Other features

Version	Connection cable
Flame retardant	in accordance with EN 60332-2-2

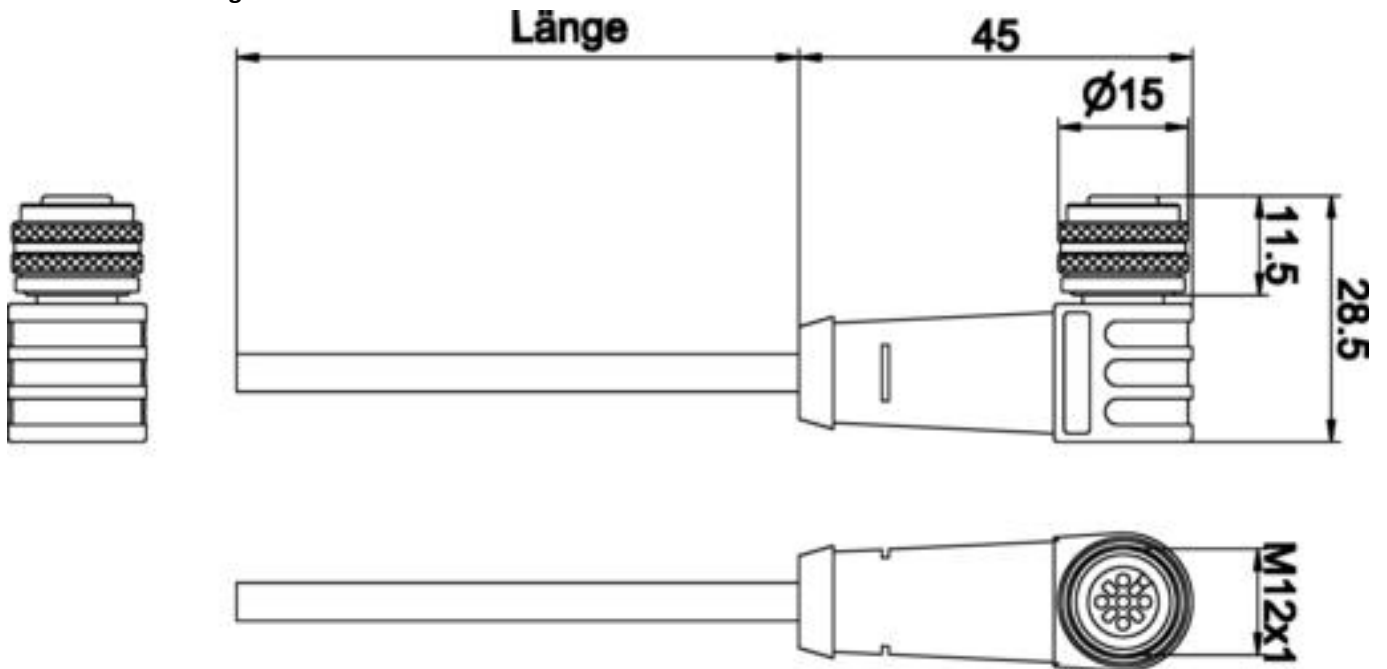
**Classification**

ETIM 8	EC001855 Assembled sensor-actuator cable
eClass 7.0	27279218
eClass 7.1	27279218
eClass 8.0	27279218
eClass 9.0	27060311
eClass 9.1	27060311

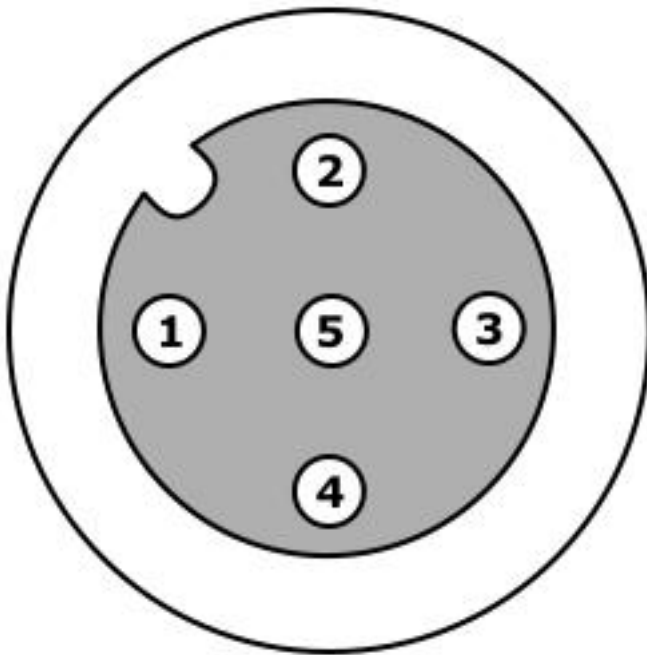
**More**

IPF Product Group	850 cable sockets / connectors (one side ready made)
packaging dimensions	160 x 160 x 25 mm
gross weight	120 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	No
RoHS-compliant	Yes

**Dimensional drawing**



**Connection**



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

**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](http://www.ipf-electronic.com).