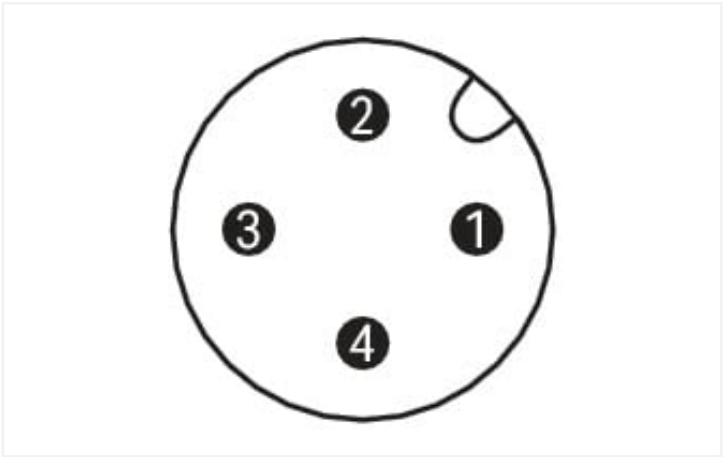
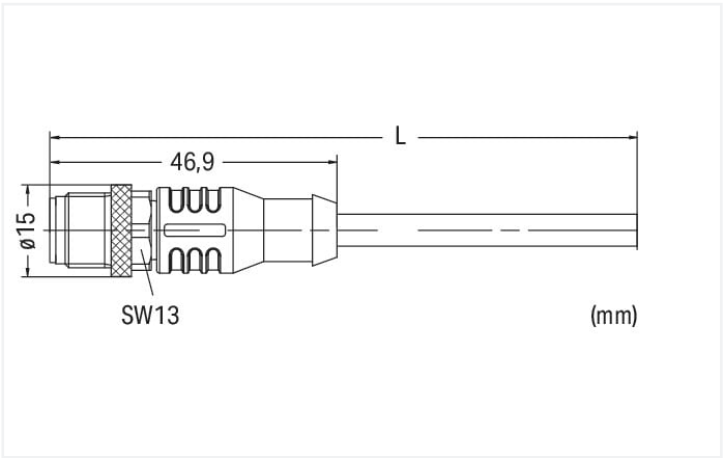




Similar to illustration

Pin 1 ... 4: 0.34 mm²

1	■	brown
2	■	white
3	■	blue
4	■	black



Dimensions in mm

- Short description:**
- PUR, halogen-free
 - Suitable for drag chains
 - High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
 - High chemical resistance
 - Cable used: UL listed

Technical data			
General information		Drag chain compatible	
Operating voltage	250 VAC/DC	Bending radius	10 x cable diameter (min.)
Operating current	4 A	Bending cycles	2 million
Rated surge voltage	2.5 kV	Acceleration (min.)	5 m/s ²
Insulation resistance	> 10 ⁹ Ω	Travel speed (max.)	3.33 m/s
Contact resistance	10 mΩ	Travel path (horizontal) max.	5 m
Conductor resistance	≤ 60 Ω/km	Travel path (vertical) max.	2 m
Pollution degree	3 per VDE 0110	Torsional capacity	180 °/m
Protection type	IP67		
Ambient (operating) temperature (static)	-50 ... +90 °C		
Ambient (operating) temperature (dynamic)	-25 ... +90 °C		



Cable	
Cable length	10 m
Type code	LiF9YH-11YH or LiF9YC11YFHF
Conductor configuration	Bare copper wire, fine-stranded (42 x 0.1 mm)
Conductor insulation	PP9Y (halogen-free)
Sheath material	Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing
Sheathed cable color	black
Sheathed cable diameter	4.5 ... 4.9 mm

Connector	
Connection type	M12 plug - free end
Pole number	4
Cable connection direction to mating direction	0 °
Connector interface coding (cable/adap-ter) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	1 Nm

Commercial data	
eCl@ss 10.0	27-06-03-11
eCl@ss 9.0	27-06-03-11
ETIM 8.0	EC001855
ETIM 7.0	EC001855
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454942113
Customs tariff number	85444290900

Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	44e541ed-dcaa-4eab-ba44-e4c58251d6c7
SCIP notification number (Belgium)	1681aade-8369-42d0-96e6-66d7350d77ac
SCIP notification number (Bulgaria)	6bf13a3b-6599-4542-9ec7-61d0c04dc039
SCIP notification number (Czech Republic)	f58d0f2a-0992-4e45-a544-be0fc7c6e3b6
SCIP notification number (Denmark)	8760d0a6-a1d4-4a88-8f88-dd5d2c81a5a4
SCIP notification number (Finland)	c7c72e23-6494-4cad-ad07-0f130a172aea
SCIP notification number (France)	9bc7dc7a-9a49-4976-aea8-709b9238745b
SCIP notification number (Germany)	025395c6-b7b6-456b-a3a2-955b6a1e77e8
SCIP notification number (Hungary)	f802c668-cfd8-4d84-9f8e-9557b51fdd61
SCIP notification number (Italy)	d102f9f9-45b8-4b82-92be-76c9aa3eb936
SCIP notification number (Netherlands)	6635f4b3-6da8-4529-986a-c77852335f63
SCIP notification number (Poland)	58578500-9412-4c83-8fd7-0e2ec00c6e16
SCIP notification number (Romania)	efc685fa-62da-4902-ac80-b0dc1bf2ee78
SCIP notification number (Sweden)	b73020b9-962b-4313-a592-6eed5b830151

Approvals / Certificates	
General approvals	



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2238	E519602

Compliance Search
Environmental Product Compliance 756-5311/040-100

System Description		
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	↓

Bid Text			
756-5311/040-100	19.02.2019	xml 3.24 KB	↓
756-5311/040-100	20.09.2017	doc 26.00 KB	↓

CAE data	
WSCAD Universe	
756-5311/040-100	