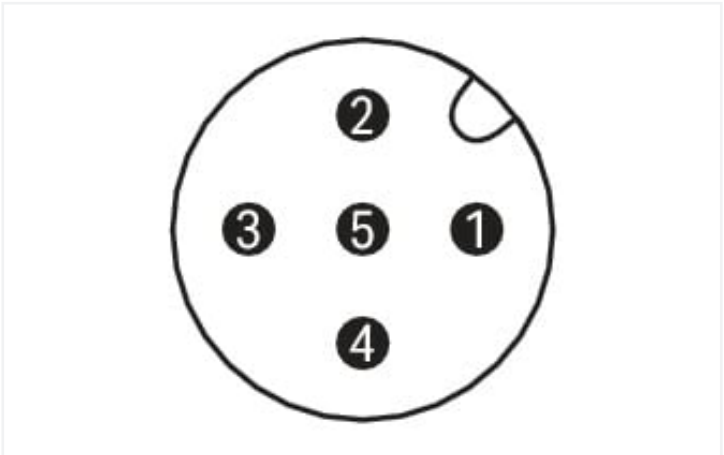
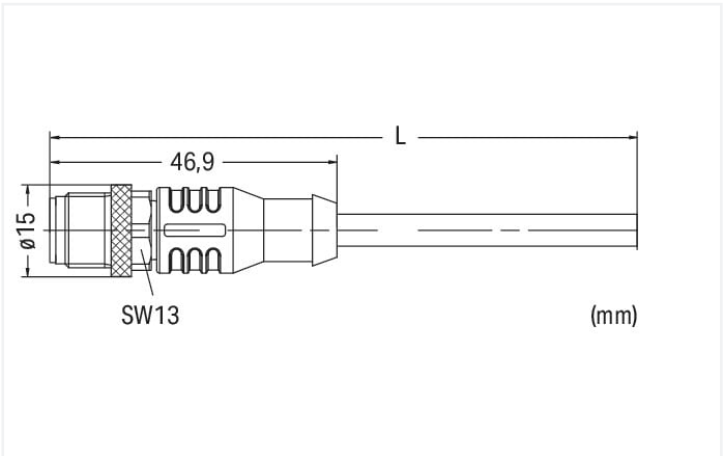




Similar to illustration

Pin 1 ... 5: 0.34 mm²

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



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	1.5 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	5 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	4.8 ... 5.2 mm

Connector	
Connection type	M12 plug - free end
Pole number	5
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	4045454942144
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)	3b39bdf7-d9c8-48e9-811e-6607bb0f2550
SCIP notification number (Belgium)	7e0deacd-87fb-4d91-9615-0d01fd43a526
SCIP notification number (Bulgaria)	cc4b5eb8-4bc9-41e8-8bc9-38fba19e1418
SCIP notification number (Czech Republic)	fd48b797-bef5-410c-81cb-fab5b45c681b
SCIP notification number (Denmark)	c4a76777-3b42-4552-a8d1-0491299f0fc5
SCIP notification number (Finland)	7c86f00b-f805-46e1-993f-a50795da15e1
SCIP notification number (France)	29054803-149d-4a9b-9818-5ed322bbabeb
SCIP notification number (Germany)	d57ca43a-7410-4ae8-8c2a-c7a8b45fb27e
SCIP notification number (Hungary)	742cdde2-44b9-4d33-8fd6-b977edfa1393
SCIP notification number (Italy)	3d897920-1aec-4d23-b040-49c31d080df4
SCIP notification number (Netherlands)	08c35167-5930-4db6-9af2-b1e12fb9c0c7
SCIP notification number (Poland)	ff24d0ee-eff0-4b32-81cb-0a663f800e0d
SCIP notification number (Romania)	8418e922-6208-4c71-9d26-0f251b996d87
SCIP notification number (Sweden)	c14f157a-53bf-4baf-b0af-77fb36cc7718

Approvals / Certificates

General approvals



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

Compliance Search
Environmental Product Compliance 756-5311/050-050

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

Bid Text			
756-5311/050-050	19.02.2019	xml 3.26 KB	↓
756-5311/050-050	20.09.2017	doc 26.50 KB	↓

CAE data	
WSCAD Universe	
756-5311/050-050	