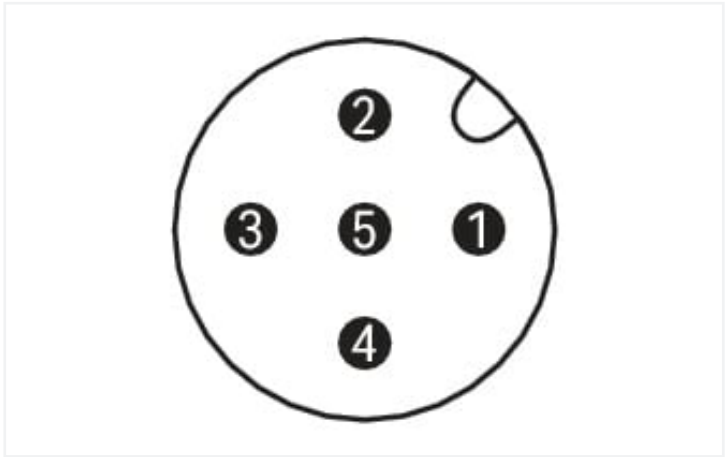
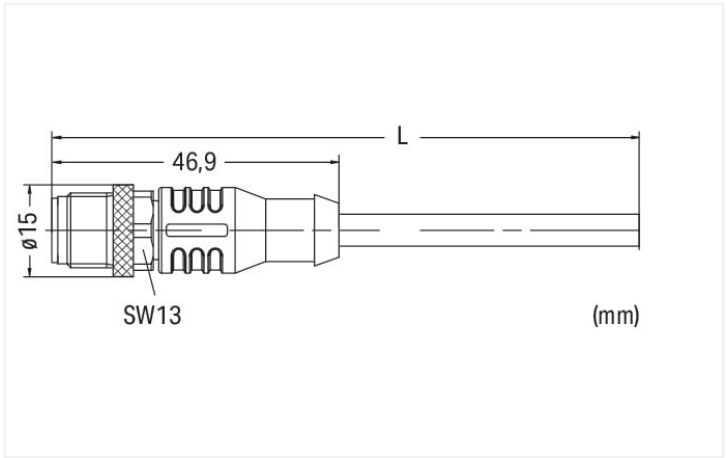
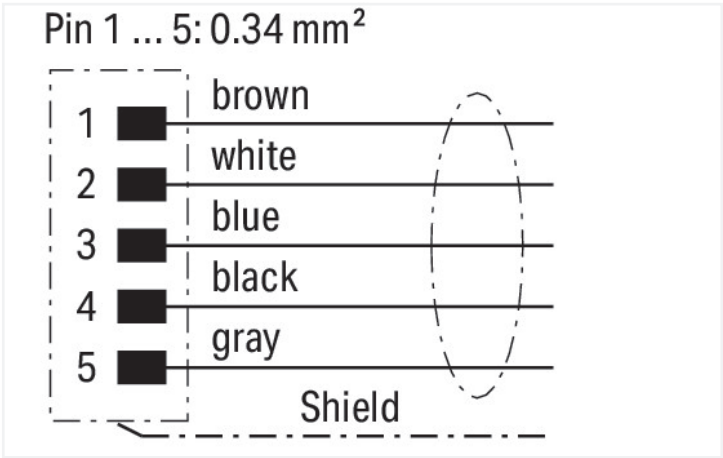




Similar to illustration



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	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	6.3 ... 6.7 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	4045454942199
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)	e403bf35-dac9-4a86-a3fc-4f6869cb4a9c
SCIP notification number (Belgium)	09d02549-2b7c-4b16-976b-cddaa015d572
SCIP notification number (Bulgaria)	731de109-d79c-42a1-865b-24e46122e3ee
SCIP notification number (Czech Republic)	65ac237f-2539-4391-b88e-524554d70758
SCIP notification number (Denmark)	50f9e57f-1046-4c7f-9020-f903f6986db1
SCIP notification number (Finland)	6f0640f0-2b05-4a15-907d-d33a28f14dda
SCIP notification number (France)	62850080-ade3-4e59-afc4-44a036df6a3a
SCIP notification number (Germany)	5f218f28-cd07-41d4-8cf7-4f27c6f559f9
SCIP notification number (Hungary)	42b6ae4b-e13f-4f30-903b-addeba6692dc
SCIP notification number (Italy)	77393ac8-835a-4e70-80a1-7929b89f7ebc
SCIP notification number (Netherlands)	a9689b00-02e1-4b96-ade6-357a2145131b
SCIP notification number (Poland)	77f04905-978c-4845-bf44-cb3142245194
SCIP notification number (Romania)	9f5ab814-5c2c-4f42-99a3-b00a3263cf4b
SCIP notification number (Sweden)	1bcff06c-f0a2-4277-a81d-113f9d31f1b3

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5311/060-100		

Documentation				
System Description			Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB		756-5311/060-100	
			19.02.2019	xml 3.28 KB
			756-5311/060-100	
			20.09.2017	doc 27.00 KB

CAD/CAE-Data			
CAE data			
WSCAD Universe	756-5311/060-100		