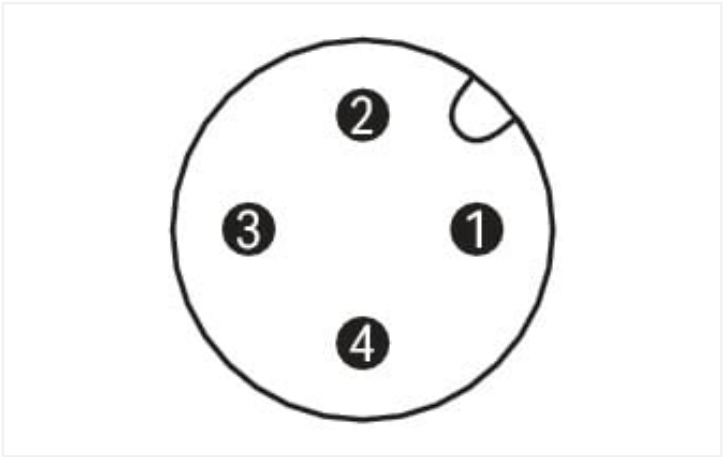
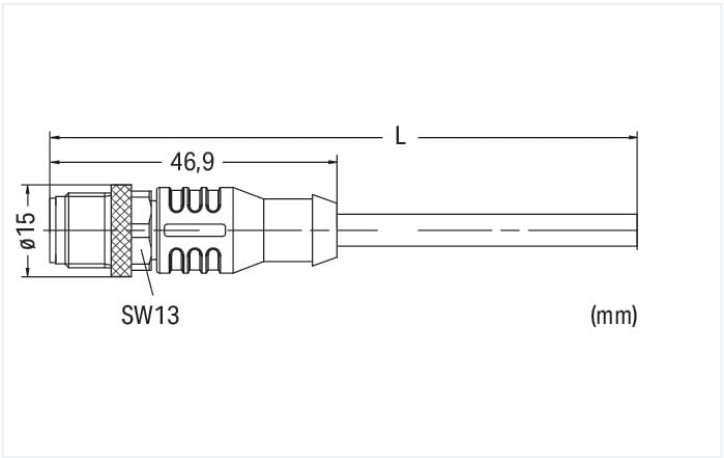




Similar to illustration

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	1.5 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	4.5 ... 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	4045454942090
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)	085b2ff8-87cd-4e94-b2c5-b5ff1f9d0d52
SCIP notification number (Belgium)	20a5f894-e3a1-4fe8-b36f-37897583ab26
SCIP notification number (Bulgaria)	e6240a9c-e335-46df-be33-7903945239ae
SCIP notification number (Czech Republic)	a4a2e52e-ae3d-4a8a-ba00-5ef02ff52a74
SCIP notification number (Denmark)	68059538-ea1b-4a71-9d12-fcf4d16b4730
SCIP notification number (Finland)	1cc2ef3c-d8a1-4928-b717-778794a7513c
SCIP notification number (France)	d5f35c4d-48fd-4c0f-9560-c4282a4f1ae1
SCIP notification number (Germany)	034c1858-6103-4893-8ad4-e31da07e6cf6
SCIP notification number (Hungary)	3f981de8-c034-4c33-b8a4-e2a0fcec38ad
SCIP notification number (Italy)	edd05969-0b29-459f-9263-ebcaa9b2ff2f
SCIP notification number (Netherlands)	809860b1-4e40-4c30-9381-8c01cfbfb8a
SCIP notification number (Poland)	9cdadf35-0ac8-4e82-b41b-4acbf8db2744
SCIP notification number (Romania)	3dba7ac5-8e7d-4f77-8bca-a904a861b20f
SCIP notification number (Sweden)	1147aa1a-76a0-4843-aae7-aa9009f0dd3f

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance		756-5311/040-015	↓

Documentation						
System Description		Bid Text				
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB					
			756-5311/040-015	19.02.2019	xml 3.24 KB	
			756-5311/040-015	20.09.2017	doc 26.00 KB	

CAD/CAE-Data			
CAE data			
WSCAD Universe		756-5311/040-015	↓