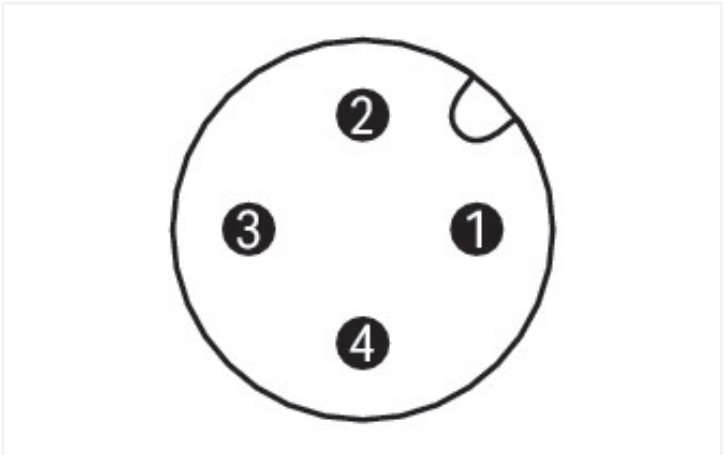
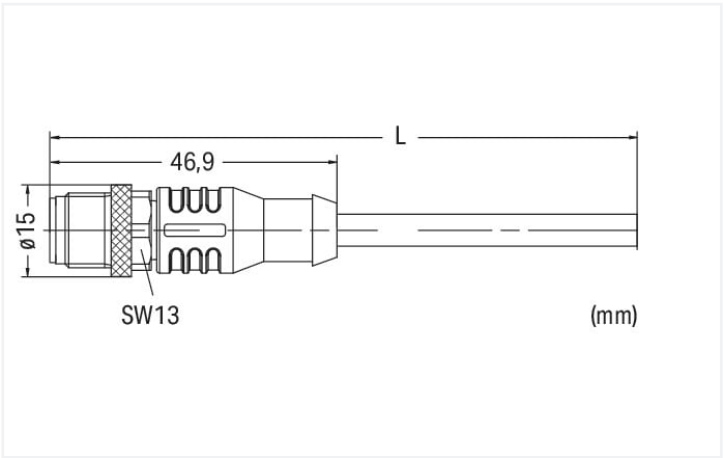




Similar to illustration

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	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	4045454942106
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)	e968aad3-0531-4d87-ba4d-98abb0007ba0
SCIP notification number (Belgium)	929a3eda-fec3-4ebc-b954-216bc37cbf21
SCIP notification number (Bulgaria)	d6a5fe52-8cf9-4ae7-802a-a98a05a70f24
SCIP notification number (Czech Republic)	5dbe8fd3-223a-4af4-9456-f9d13db54211
SCIP notification number (Denmark)	9bc01d87-b5bf-4c67-9ba7-738d58ab31f7
SCIP notification number (Finland)	81331658-f984-4c7f-90e3-97860fec1003
SCIP notification number (France)	23f188d0-fee6-4bb1-ad67-8c243f2c1f51
SCIP notification number (Germany)	a7ff9c5c-77b4-412b-971a-a2fa1e6444e5
SCIP notification number (Hungary)	347f4336-0d07-4dfc-9d7b-b09357ce3079
SCIP notification number (Italy)	4c1b6b30-c9c9-447a-8d4a-7b21cd00f2bb
SCIP notification number (Netherlands)	7ae08416-7413-41d3-8584-0ebd609e5dba
SCIP notification number (Poland)	131c9ac5-8b67-4c86-a83b-dfb58add2da
SCIP notification number (Romania)	efe8966c-660c-4c6f-882d-7f3093790924
SCIP notification number (Sweden)	0bc7d620-f1a3-47f3-a354-e29b563b33e6

Approvals / Certificates

General approvals



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



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 756-5311/040-050	

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5311/040-050 19.02.2019	xml 3.24 KB
		756-5311/040-050 20.09.2017	doc 26.00 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe 756-5311/040-050	