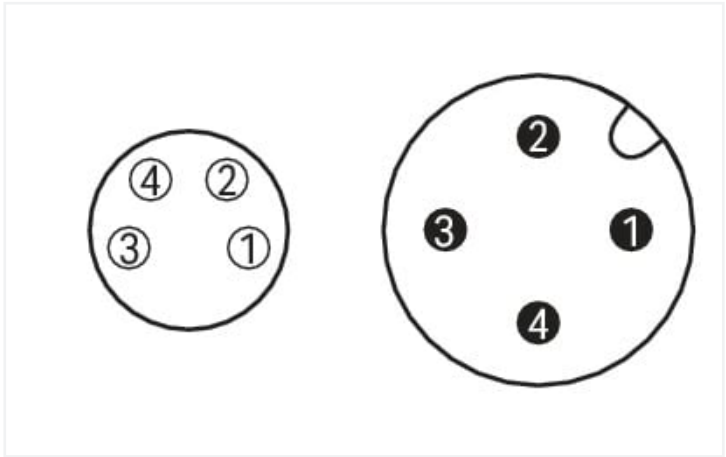


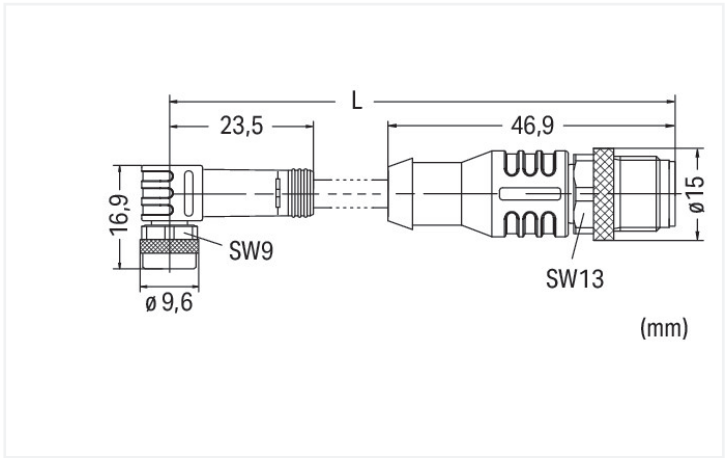


Similar to illustration



Pin 1 ... 4: 0.25 mm²

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



Dimensions in mm

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

Technical data			
General information		Drag chain compatible	
Operating voltage	AC/DC 60 V	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	1 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	3.9 ... 4.3 mm

Connector	
Connection type	M8 socket - M12 plug
Pole number	4
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adaptor) 2 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 ... 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)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918975971
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)	78b71d60-861e-48aa-944f-baf4847b7b0e
SCIP notification number (Belgium)	0086c66d-5abc-44bf-95d2-083796c952d1
SCIP notification number (Bulgaria)	fbddbcbf7-0eb4-458e-89a1-3dc5c4ee83ec
SCIP notification number (Czech Republic)	213cb1c5-2d5a-4c39-80c0-74ef49cb23ef
SCIP notification number (Denmark)	35baae84-bb25-4f22-9969-841814614e12
SCIP notification number (Finland)	f965d92a-398a-4399-9760-1826cb73271e
SCIP notification number (France)	20f27b76-7282-4ec5-b16b-c5407ed00483
SCIP notification number (Germany)	a110eaae-9df1-469c-a5d0-cf533b07ad2c
SCIP notification number (Hungary)	3c5b9d2a-5489-4e74-b87d-e37b9746ce1c
SCIP notification number (Italy)	4d283c18-9898-478e-bcbd-bb07e37cdd0b
SCIP notification number (Netherlands)	51670a28-56b2-4f7e-ae9d-15cd5f64eb7f
SCIP notification number (Poland)	f8d3f38f-f9bf-4f54-afb8-be0a3165ea10
SCIP notification number (Romania)	b1b8a06d-dc40-4a63-86a5-b69029af2b59
SCIP notification number (Sweden)	bf8dcfc7-51a9-4fcd-92de-494aeb078d04



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5509/040-010		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5509/040-010 19.02.2019	xml 3.24 KB
		756-5509/040-010 20.09.2017	doc 25.50 KB

CAD/CAE-Data			
CAE data			
WSCAD Universe	756-5509/040-010		