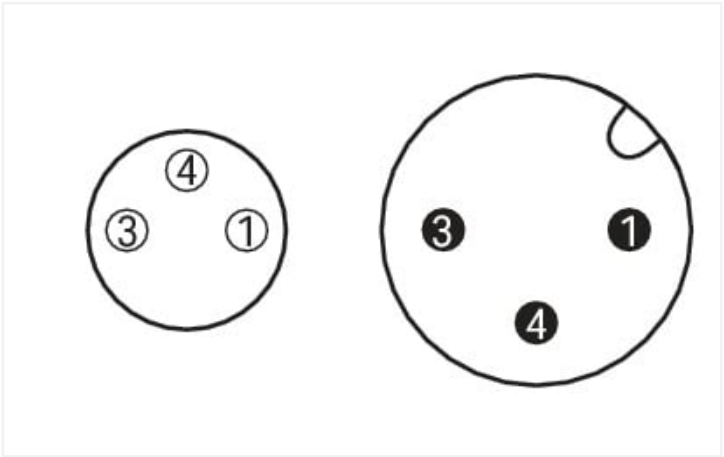
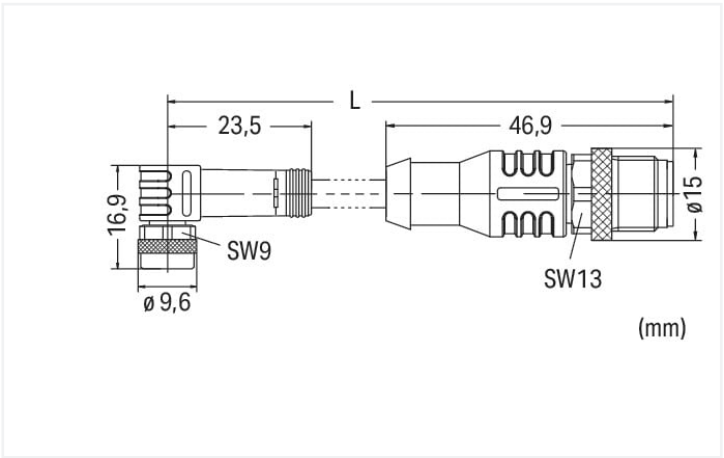
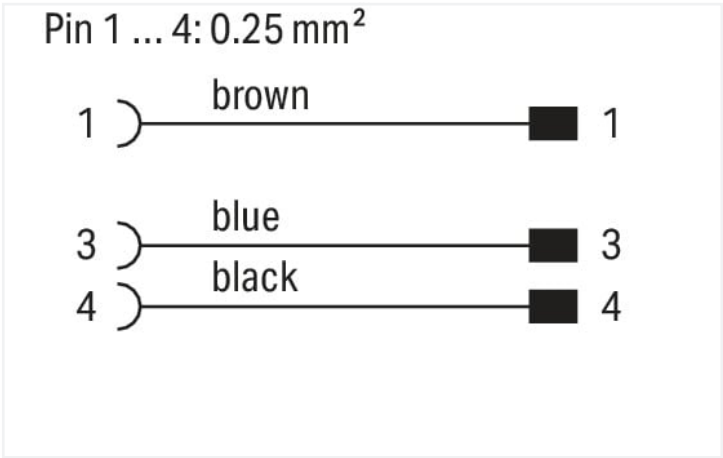




Similar to illustration



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	2 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	3
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	4044918975902
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)	4298ee18-cdbf-43e0-b071-4d3fe06edcd0
SCIP notification number (Belgium)	44fe1c47-fb60-45fe-84ef-97066c046661
SCIP notification number (Bulgaria)	71f8394f-296a-4d62-be28-75bfbce8cdbe
SCIP notification number (Czech Republic)	7a712e90-c313-4ba0-8188-2bcab1466a7e
SCIP notification number (Denmark)	7cb483c8-6a36-468d-903c-993c2b208bfd
SCIP notification number (Finland)	7dea15a2-4725-4892-b3dd-4477ab7dd8aa
SCIP notification number (France)	c8918c7e-ec95-4c65-92ba-052b7f1fa19c
SCIP notification number (Germany)	7d0b035a-081b-4c7f-8ede-9612fec4baa1
SCIP notification number (Hungary)	8a97d117-5635-470a-a429-e64ff685cd9c
SCIP notification number (Italy)	b295599d-d104-41d1-aecd-a9a320c44c28
SCIP notification number (Netherlands)	a39d63f6-875f-47f8-86c6-b411e76d1e94
SCIP notification number (Poland)	38226268-fc97-4347-a291-128c9a6f15c0
SCIP notification number (Romania)	c78e38e5-0190-4f01-a65a-7af43415da48
SCIP notification number (Sweden)	89b8f5d8-7047-49a1-ad8e-1f8303348a37



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 756-5509/030-020	

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5509/030-020 19.02.2019	xml 3.21 KB
		756-5509/030-020 20.09.2017	doc 25.50 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe 756-5509/030-020	