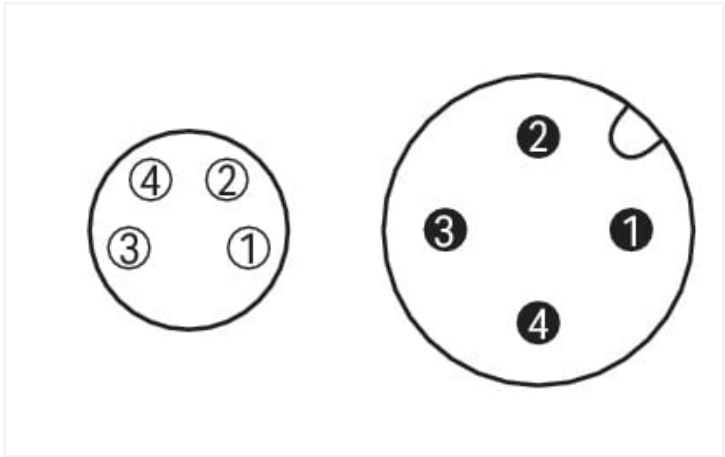


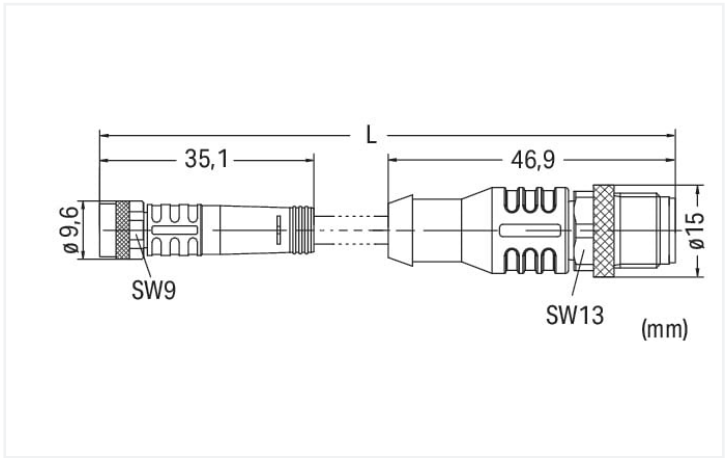


Similar to illustration



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	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	4
Cable connection direction to mating direction	0 °
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	4044918975940
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)	29c32841-89fd-4c9b-ac30-96772610f593
SCIP notification number (Belgium)	9130e8d4-e44e-4459-97cb-a72a064faa15
SCIP notification number (Bulgaria)	b9687eec-4e7a-4b70-a724-331f6d22ba82
SCIP notification number (Czech Republic)	7eeb4c4e-8d21-48dc-96fc-08a8b8a75bee
SCIP notification number (Denmark)	e31f6f2f-8893-4de1-90fa-9151b5f64554
SCIP notification number (Finland)	9a9c1fe7-6e7c-45c5-a4e7-768257931ebe
SCIP notification number (France)	68d6e953-2ce9-4a5c-8bc4-2522b405b5bb
SCIP notification number (Germany)	4fb8096b-bf89-4a28-86f5-57fabfc5e72e
SCIP notification number (Hungary)	bb9e90a2-df66-4034-8217-25df4991081a
SCIP notification number (Italy)	ae90853f-9cb6-44bd-8a3c-ba53af5889d7
SCIP notification number (Netherlands)	e055b7ab-2ae5-4097-97e1-f680351469f3
SCIP notification number (Poland)	36aff936-4304-4e2d-9814-e499accf46bc
SCIP notification number (Romania)	347c05ee-b677-4f15-ba75-8a28a002bc4d
SCIP notification number (Sweden)	e8668582-392e-406b-93a8-88c53af099e3



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 756-5507/040-020	↓

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5507/040-020 19.02.2019	xml 3.23 KB ↓
		756-5507/040-020 20.09.2017	doc 25.50 KB ↓

CAD/CAE-Data	
CAE data	
WSCAD Universe 756-5507/040-020	↓