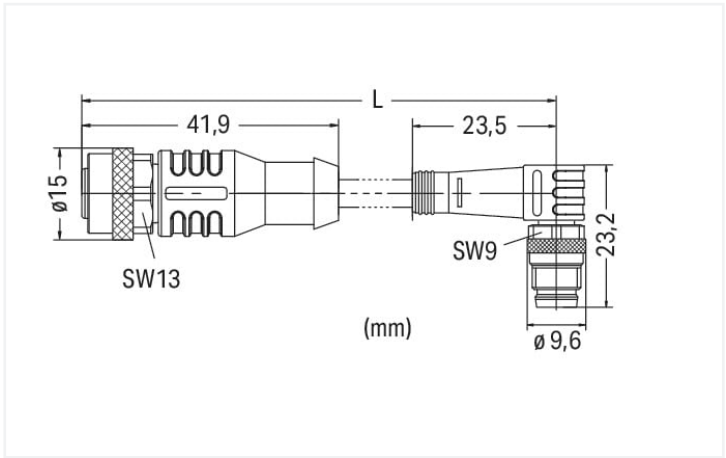
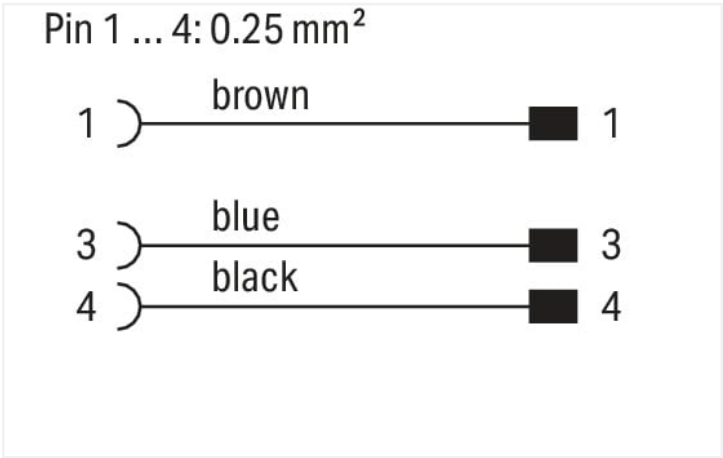
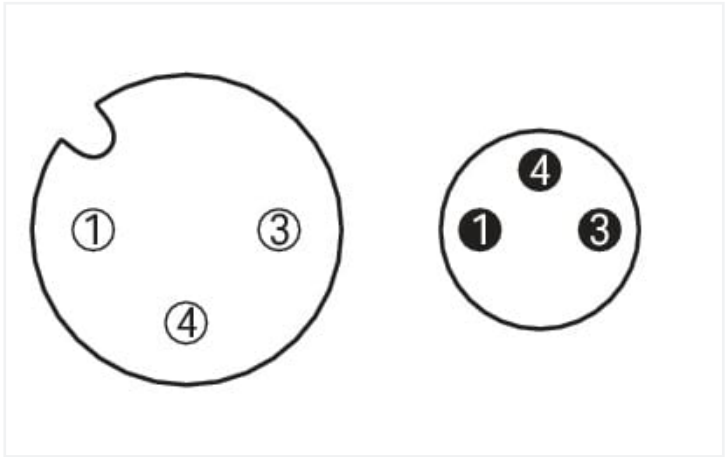




Similar to illustration



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	M12 Socket - M8 plug
Pole number	3
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	90 °
Connector interface coding (cable/adaptor) 1 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	4044918974783
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)	ec6c7f28-1b8f-4c9e-8b16-fab76c89feb0
SCIP notification number (Belgium)	64e13a38-932a-41a9-a1a0-acf6583c5980
SCIP notification number (Bulgaria)	609f9141-7b64-4b93-9ff6-5227fc48b698
SCIP notification number (Czech Republic)	5267d745-9043-4284-b5d7-7cd64f54901d
SCIP notification number (Denmark)	a3e5b8f4-e175-47db-8e08-7d34206e6b97
SCIP notification number (Finland)	2235907c-488f-4165-8b2f-81e2a30dd60f
SCIP notification number (France)	3b2a94f4-f2b6-456c-8caa-c2dcaa6276c8
SCIP notification number (Germany)	156d2eca-d61a-4680-862b-fff7b0eab768
SCIP notification number (Hungary)	199e6009-9afb-4f49-916f-7ae7c80e1579
SCIP notification number (Italy)	77b7bb60-b0d9-47a5-be4f-326bd44c0cfe
SCIP notification number (Netherlands)	7e67c74b-ccea-455f-8a1b-6f2295cd69a1
SCIP notification number (Poland)	bb598152-662d-4674-a272-402fdc9555f0
SCIP notification number (Romania)	2e0d1cce-2cf1-4e1b-ba0d-73f60368a666
SCIP notification number (Sweden)	72652901-1fbd-48c0-b346-6d89cb0acea7



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5502/030-020		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5502/030-020 19.02.2019	xml 3.21 KB
		756-5502/030-020 20.09.2017	doc 26.00 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5502/030-020