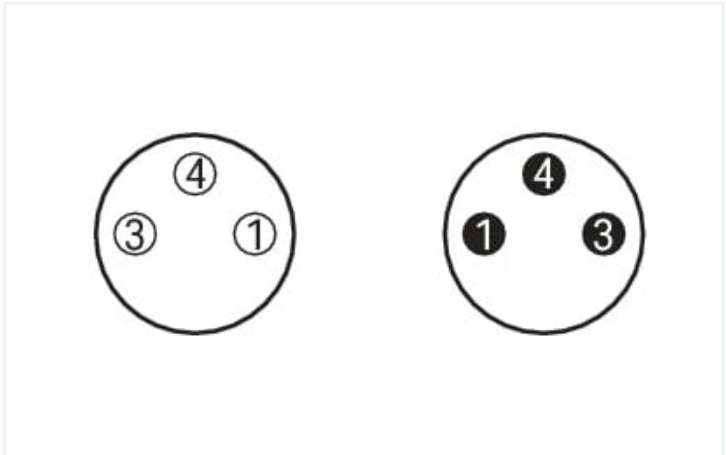
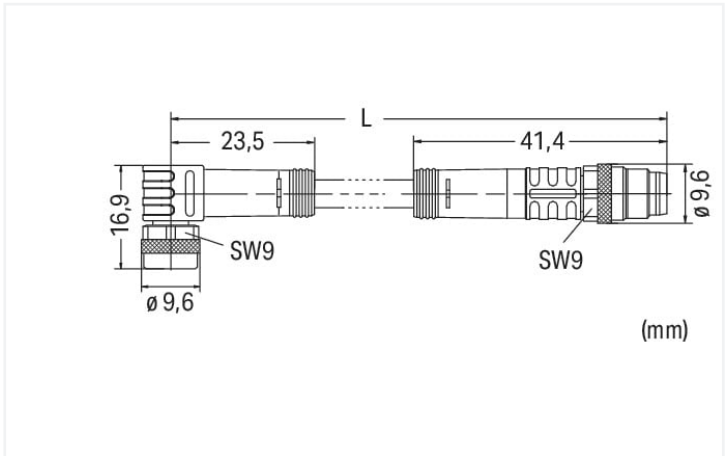
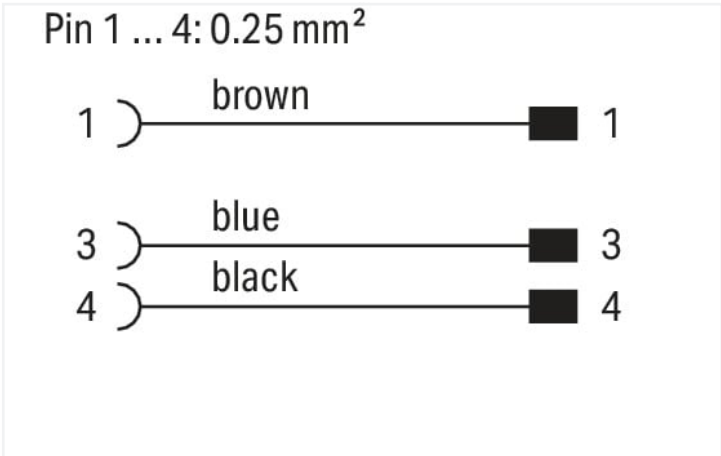




Similar to illustration



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	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 - M8 plug
Pole number	3
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 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	4044918974615
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)	205f30f8-5cb7-4039-9eaa-b6acb15193db
SCIP notification number (Belgium)	2f1f977b-a8e3-449b-ac9d-de91e4ae703c
SCIP notification number (Bulgaria)	a93249db-339b-43bc-a888-1c252229182e
SCIP notification number (Czech Republic)	e4c41d2d-133a-4ada-839b-827a464c088f
SCIP notification number (Denmark)	c219f8ba-03ef-43a7-a1ae-3d40b6c3d63d
SCIP notification number (Finland)	736c9dee-e371-4882-898f-1d9cd17f6613
SCIP notification number (France)	a2104078-2c53-4fd1-94e9-c3a7d1c7b8cd
SCIP notification number (Germany)	314d9163-7d31-43c7-a2bf-b345b074dfae
SCIP notification number (Hungary)	4b1fb041-8be0-4e51-8db9-9ad031ebb3a3
SCIP notification number (Italy)	2235e3eb-ff67-4adf-9688-015e21975037
SCIP notification number (Netherlands)	185900ea-20a1-40d2-8a66-4c66c43b8b18
SCIP notification number (Poland)	a4261604-7642-4c63-8912-a3dbd9a01ebb
SCIP notification number (Romania)	8145f7ce-a6a6-4875-9a25-027f6826cbfc
SCIP notification number (Sweden)	3d5d1afb-d6f2-4338-b990-647081b33e1e



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 756-5203/030-010	↓

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5203/030-010 19.02.2019	xml 3.21 KB ↓
		756-5203/030-010 20.09.2017	doc 25.50 KB ↓

CAD/CAE-Data	
CAE data	
WSCAD Universe 756-5203/030-010	↓