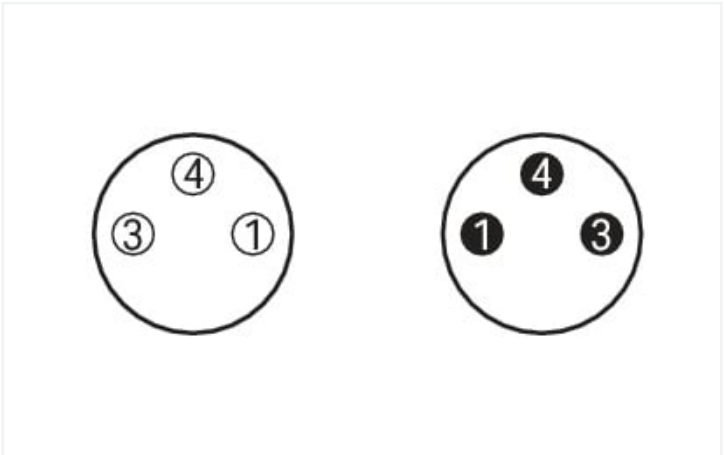
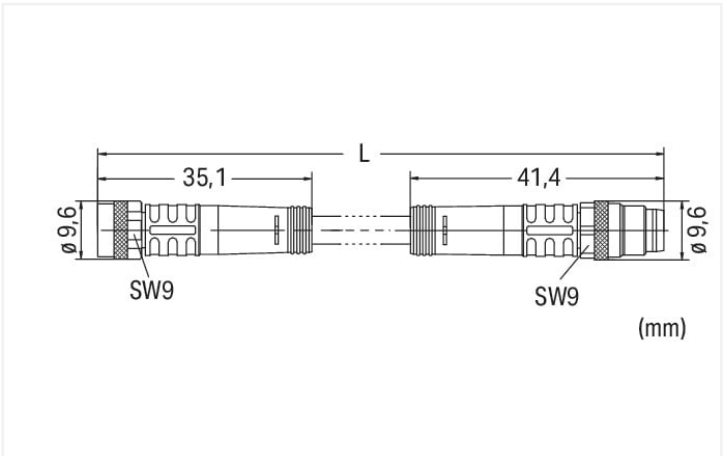
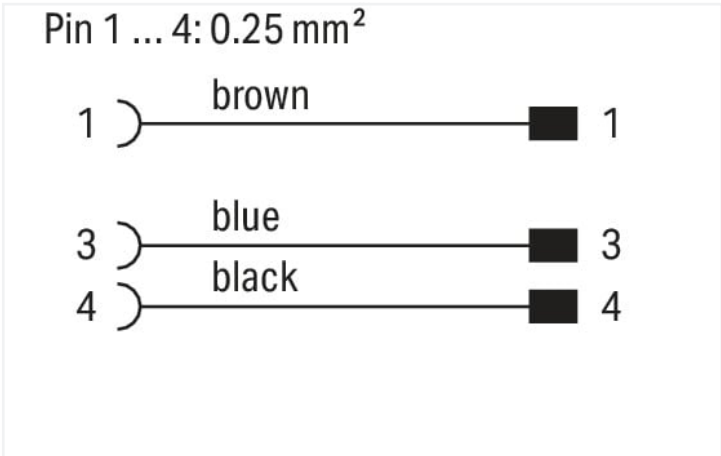




Similar to illustration



Dimensions in mm

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

Technical data			
General information		Drag chain compatible	
Operating voltage	60 VAC/DC	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 - M8 plug
Pole number	3
Cable connection direction to mating direction	0 °
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	4044918974561
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)	08c28df9-9dfb-4b13-a07f-cf34f5c481ff
SCIP notification number (Belgium)	c0431459-f4ea-48c9-98cc-489ee9ae0899
SCIP notification number (Bulgaria)	6032c694-57a0-4071-9a1f-908dcebbbc74
SCIP notification number (Czech Republic)	c5a4e116-48a3-475e-adbc-451e6185bde4
SCIP notification number (Denmark)	8f4d70c6-ed39-4b55-8119-7191ab3d3089
SCIP notification number (Finland)	9b3d2843-3991-48e2-8856-a3039a3e5196
SCIP notification number (France)	d8452aa5-f6e7-4e61-84d2-9dec1d37ddb8
SCIP notification number (Germany)	f76e22f7-144b-4c26-abef-e119b85e1034
SCIP notification number (Hungary)	d21a5c10-325d-45a4-b509-bb16f0b241be
SCIP notification number (Italy)	f94f549d-288e-49ed-a8bb-043c0ccb0e5e
SCIP notification number (Netherlands)	9808ed93-b902-4e11-bff9-6cfa67e02222
SCIP notification number (Poland)	4044753d-7efa-43cf-954a-c026689edf72
SCIP notification number (Romania)	dc09b55c-4613-4dcf-b932-9f78a735774f
SCIP notification number (Sweden)	d9251640-8754-4317-bd36-777a4a18b774



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5201/030-020		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5201/030-020 19.02.2019	xml 3.20 KB
		756-5201/030-020 20.09.2017	doc 25.50 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5201/030-020