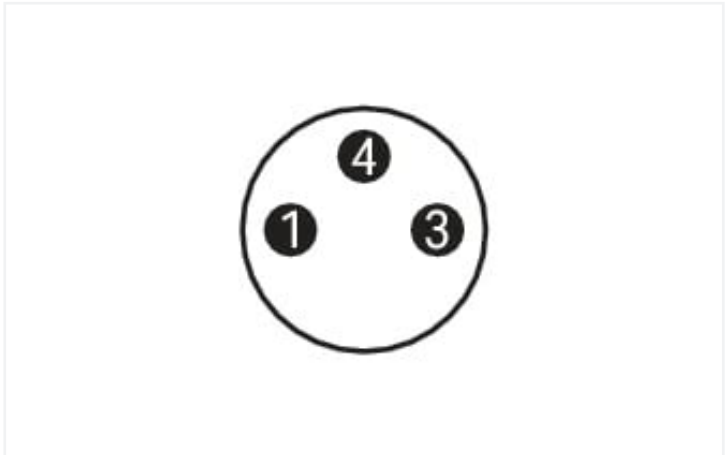
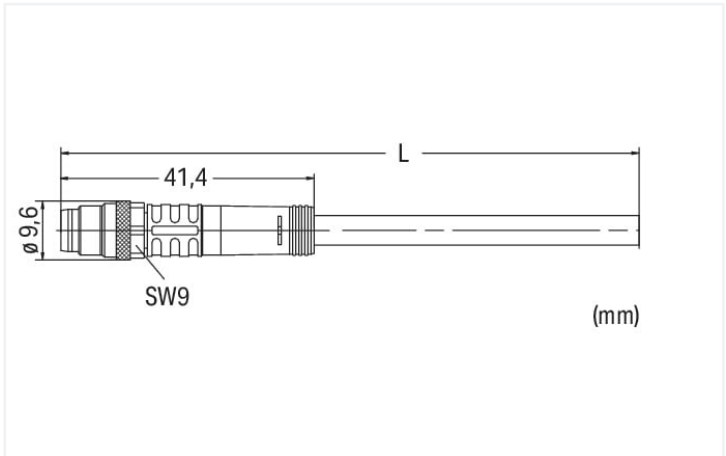




Similar to illustration

Pin 1 ... 4: 0.25 mm²

1	brown
3	blue
4	black



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	10 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 plug - free end
Pole number	3
Cable connection direction to mating direction	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	HU
GTIN	4045454941932
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)	27eac7d3-82ff-4494-802b-e15cce866d97
SCIP notification number (Belgium)	5b469b7d-bfcb-46ad-bee3-9c53b7eb7985
SCIP notification number (Bulgaria)	520f57e7-5317-4df6-8cb8-ba8ed4ca131a
SCIP notification number (Czech Republic)	9aa7fa3e-caa4-420e-b750-2c3f6e05e96b
SCIP notification number (Denmark)	9de47f38-4a60-4f18-a818-d855123886da
SCIP notification number (Finland)	69971b32-c8a4-410a-bf8a-2c2c5de13349
SCIP notification number (France)	978b530b-361e-4144-9f3b-284714cbb37a
SCIP notification number (Germany)	7044906c-7dfd-48a4-b782-3b27f6b7d20f
SCIP notification number (Hungary)	6609bb1f-e74a-495b-9015-f15c8741028e
SCIP notification number (Italy)	22b26c15-b736-46dc-a561-06d262d93baf
SCIP notification number (Netherlands)	422f8eda-f38d-4418-98cd-cf34aad9c994
SCIP notification number (Poland)	cc1fd63e-312e-4ad8-aef6-1f1eaa7e40b8
SCIP notification number (Romania)	bdecba1d-e967-4f4f-ba9d-d6e9be9e0af1
SCIP notification number (Sweden)	a9f3941f-b551-4e9c-ad16-f0a2db7b7f8f

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2238	E519602



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5111/030-100		

Documentation				
System Description			Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB		756-5111/030-100	
			19.02.2019	xml 3.20 KB
			756-5111/030-100	
			20.09.2017	doc 25.50 KB

CAD/CAE-Data			
CAE data			
WSCAD Universe	756-5111/030-100		