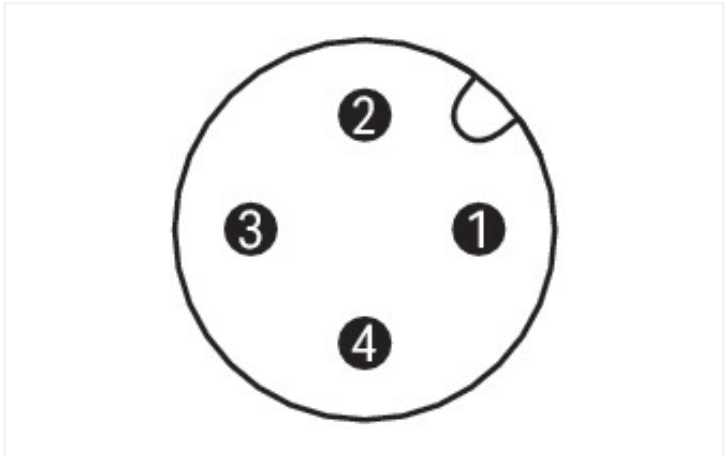
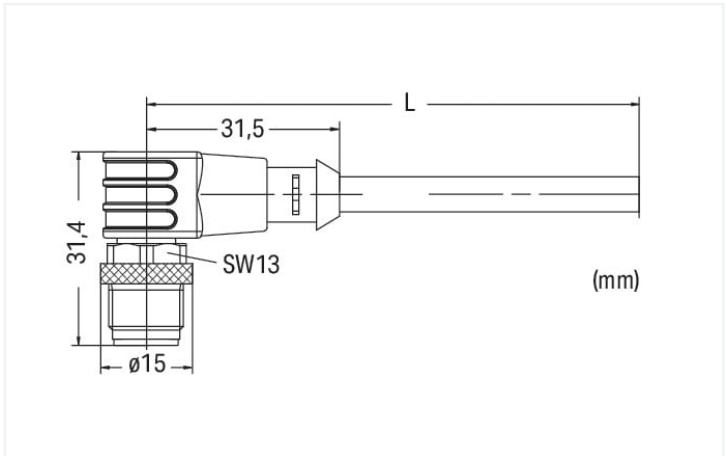




Similar to illustration

Pin 1 ... 4: 0.34 mm²

1	■	brown
2	■	white
3	■	blue
4	■	black



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	250 VAC/DC	Bending radius	10 x cable diameter (min.)
Operating current	4 A	Bending cycles	2 million
Rated surge voltage	2.5 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	4.5 ... 4.9 mm

Connector	
Connection type	M12 plug - free end
Pole number	4
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adap-ter) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454942328
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)	fa173f5f-9781-4d13-abec-c53640003a3b
SCIP notification number (Belgium)	d0044382-3820-4d20-9434-1e57916c4d0d
SCIP notification number (Bulgaria)	1224294f-d3ad-44ce-8986-9e177532f452
SCIP notification number (Czech Republic)	ba836cc3-f76d-495d-ab22-6cdf121a085d
SCIP notification number (Denmark)	83f6f826-7ad6-4563-a785-63f6048e2077
SCIP notification number (Finland)	a3eed68c-8c30-4039-b2c1-6ba62733e0ea
SCIP notification number (France)	2b96e26b-a93a-4ba7-8e29-475f160218dd
SCIP notification number (Germany)	e33d8d4e-8ab5-45b0-9c61-cdd12a9ebcba
SCIP notification number (Hungary)	4e1d98a8-8a13-4159-9b52-7773d41297e2
SCIP notification number (Italy)	10f40ac4-96d2-4c3d-98a5-360a71cbfd4d
SCIP notification number (Netherlands)	070072fb-771b-4d75-98e3-a25d5328b9fa
SCIP notification number (Poland)	3852f491-3011-4ea2-acbf-7b09aa41fb88
SCIP notification number (Romania)	d17f2505-1cdf-4df5-9f83-c8902961b128
SCIP notification number (Sweden)	4464fac1-6ec4-4898-ab92-8208b58cd497

Approvals / Certificates	
General approvals	



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

Compliance Search
Environmental Product Compliance 756-5312/040-100

System Description		
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	↓

Bid Text			
756-5312/040-100	19.02.2019	xml 3.25 KB	↓
756-5312/040-100	20.09.2017	doc 26.50 KB	↓

CAE data	
WSCAD Universe	
756-5312/040-100	