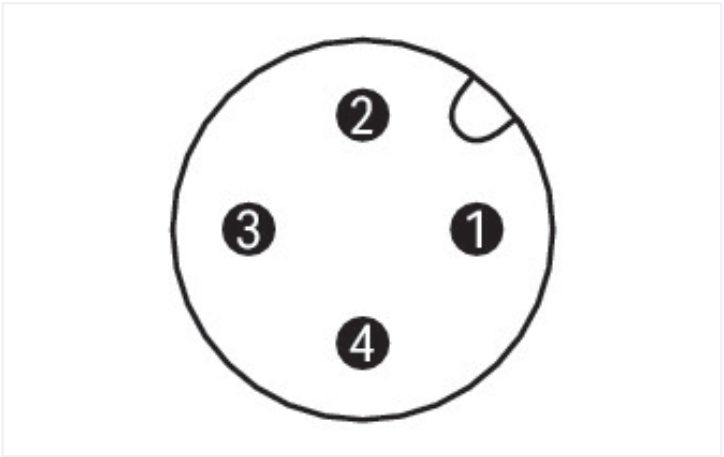
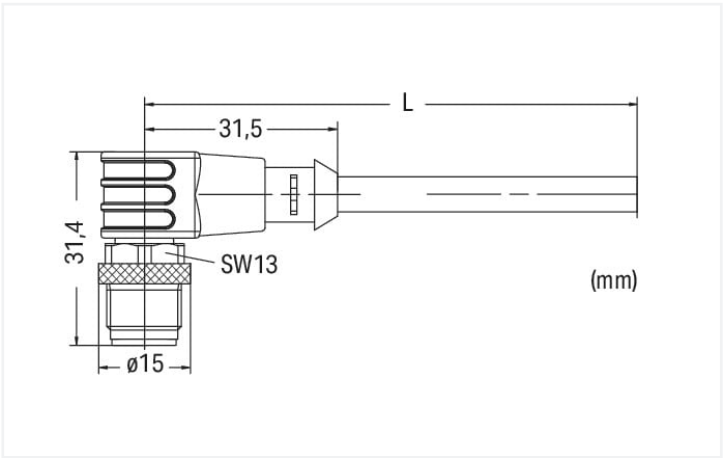




Similar to illustration

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	5 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	4045454942311
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)	5f2beeb2-da7c-4315-ba94-c9356140d25a
SCIP notification number (Belgium)	15f0d804-9567-4d17-96e5-e13ea1cc0278
SCIP notification number (Bulgaria)	8456014b-91eb-4a2e-bc8d-e32a3c06fa90
SCIP notification number (Czech Republic)	469fc81b-5cef-45f2-a4c8-153d83d6a4da
SCIP notification number (Denmark)	960bdba1-121b-44de-8e5a-074022f1df37
SCIP notification number (Finland)	d3c85729-0c10-45a3-94c2-b2889744c03f
SCIP notification number (France)	51208d3b-afc2-41a4-a2ff-7d943c49b2b3
SCIP notification number (Germany)	7d071ca1-9596-4664-924b-abb33ea13e67
SCIP notification number (Hungary)	9679979e-697c-4646-afb-d-a58583a51962
SCIP notification number (Italy)	d5089a8b-d127-4d4b-8a0c-8aec2d27c86a
SCIP notification number (Netherlands)	a892c03e-4a3a-4c61-bf45-a8aa2727ec1a
SCIP notification number (Poland)	01c9f42e-f8fd-4f49-9423-cf3bad0f4e88
SCIP notification number (Romania)	88228f1f-3280-482a-96a5-14c9ef1f8c51
SCIP notification number (Sweden)	a8ef07e3-73cd-48fb-9349-968168b7a18e

Approvals / Certificates

General approvals



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



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 756-5312/040-050	↓

Documentation				
System Description			Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	↓	756-5312/040-050	↓
			19.02.2019	xml 3.24 KB
			756-5312/040-050	↓
			20.09.2017	doc 26.00 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe 756-5312/040-050	↓