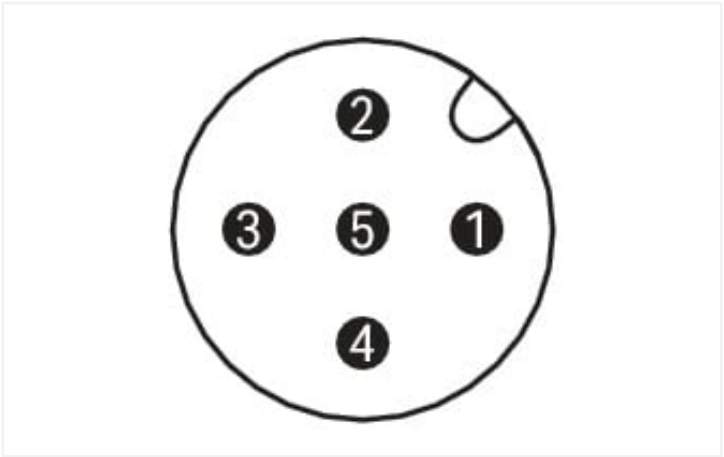
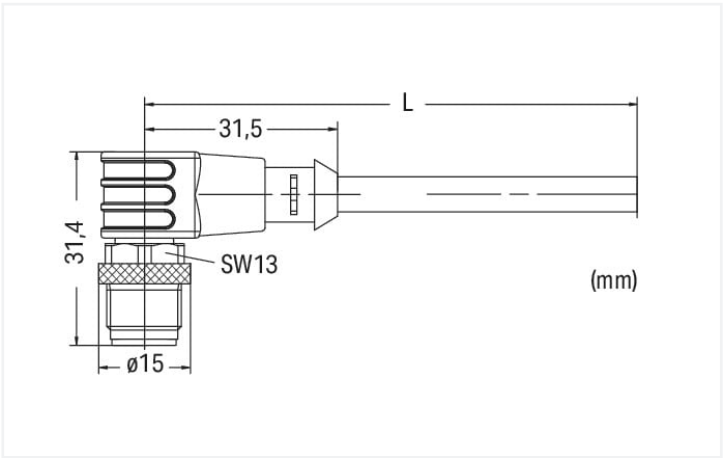




Similar to illustration

Pin 1 ... 5: 0.34 mm²

1	brown
2	white
3	blue
4	black
5	gray



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	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	4.8 ... 5.2 mm

Connector	
Connection type	M12 plug - free end
Pole number	5
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	4045454536435
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)	72d0a8ce-1011-44ec-ada9-4c1fe63d833e
SCIP notification number (Belgium)	e7cf39a7-a9a3-4e0c-87f2-314c593047f3
SCIP notification number (Bulgaria)	072c7f38-085d-4627-a33c-ca27cc382e7a
SCIP notification number (Czech Republic)	4ecebcb-a-b32f-494f-82f1-b892b2c98b3e
SCIP notification number (Denmark)	5ea6d9c6-0f66-4731-99f2-01e0f5d417a7
SCIP notification number (Finland)	e38e8b1a-6e48-45c5-b4d4-883b33f2b643
SCIP notification number (France)	3985c350-e085-4570-abd2-7252043823ae
SCIP notification number (Germany)	2e56e741-223f-4f2a-b6ae-c0dae3b1a064
SCIP notification number (Hungary)	efc475dc-d285-4fa9-accb-0e56ad5995fb
SCIP notification number (Italy)	ad6e0c0a-a903-41c5-b6ef-919ac483573d
SCIP notification number (Netherlands)	1396245a-e1de-4626-86b4-60bc91e7466a
SCIP notification number (Poland)	f4827db9-7e48-48a3-8e29-b564c93d4df0
SCIP notification number (Romania)	abc2d11d-3bc8-40ce-9172-66238f4b4abe
SCIP notification number (Sweden)	d8df2e7c-fb32-46e3-87d3-da033c6bbdac

Approvals / Certificates

General approvals



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

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

Bid Text			
756-5312/050-100	20.09.2017	doc 26.50 KB	↓
756-5312/050-100	19.02.2019	xml 3.27 KB	↓

CAE data
 WSCAD Universe
 756-5312/050-100