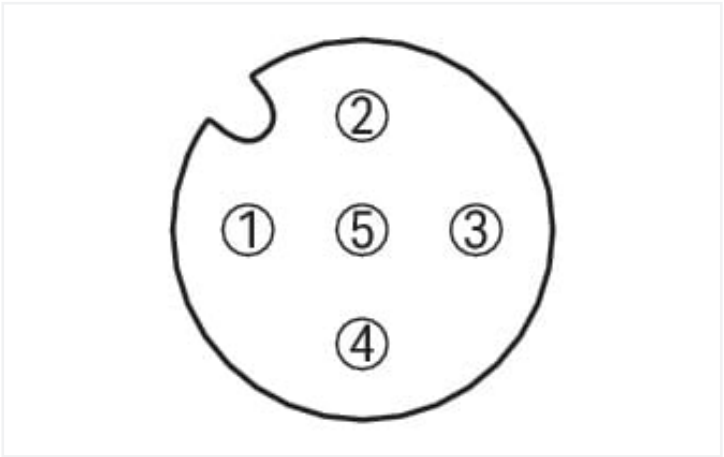
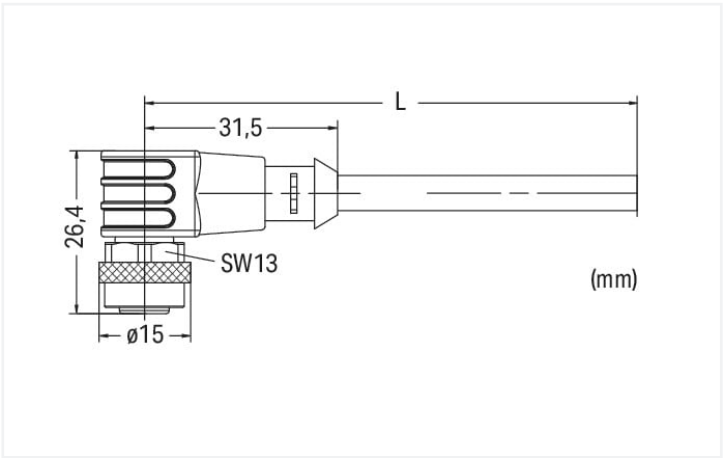




Similar to illustration

Pin 1 ... 5: 0.34 mm ²	
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	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 diameter	4.8 ... 5.2 mm

Connector	
Connection type	M12 Socket - free end
Pole number	5
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adapter) 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	4044918975018
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)	7bb4fe42-e393-490a-848a-88b85d0deae1
SCIP notification number (Belgium)	21595f0a-600d-4bc4-b0bc-d85900ef4218
SCIP notification number (Bulgaria)	693e3ee2-b80b-49da-9c77-c992a5005aa7
SCIP notification number (Czech Republic)	517b6ce4-2a97-4f32-bddc-71231c4dd481
SCIP notification number (Denmark)	b44241e9-8beb-4c86-b159-c0c3c3abd91c
SCIP notification number (Finland)	e95f9787-db26-4644-a1a3-61f82be91105
SCIP notification number (France)	cafe3d3f-cc45-46a8-8461-6310f90e6367
SCIP notification number (Germany)	9938deea-9674-461a-9053-3e686576a5b7
SCIP notification number (Hungary)	9eb2e8c0-8ddf-406c-bb29-5f198c8a04ed
SCIP notification number (Italy)	2936119d-80f0-46bf-a64a-4d6c3282b671
SCIP notification number (Netherlands)	b523acc9-6971-48eb-b7e3-0d38154a2c59
SCIP notification number (Poland)	b8a463ba-b377-406f-8abf-02f1abe6aa0f
SCIP notification number (Romania)	96743d1c-592d-4e93-a8d6-8f4951be29c7
SCIP notification number (Sweden)	cec24caa-5133-420a-9378-12d809e1f23a

Approvals / Certificates

General approvals



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

Compliance Search
Environmental Product Compliance 756-5302/050-050

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

Bid Text			
756-5302/050-050	19.02.2019	xml 3.27 KB	↓
756-5302/050-050	20.09.2017	doc 26.50 KB	↓

CAE data	
WSCAD Universe	
756-5302/050-050	