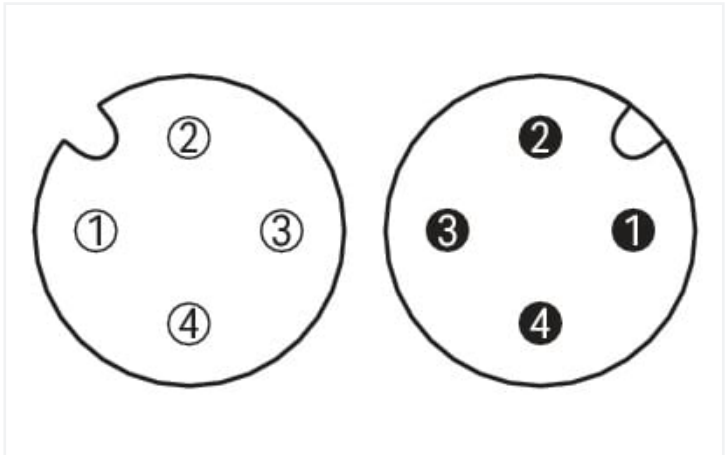
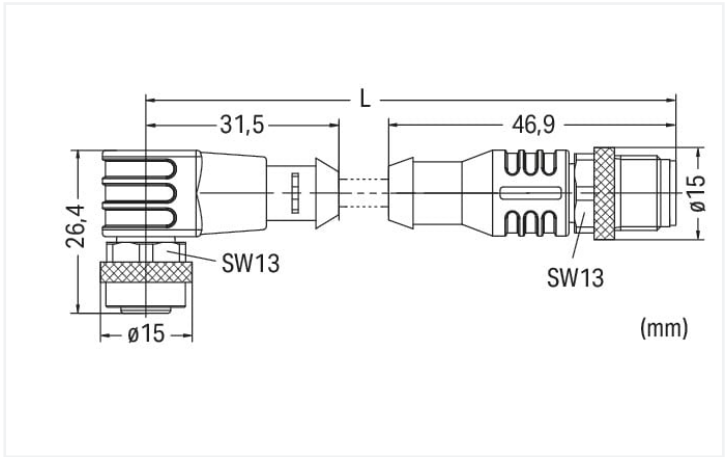




Similar to illustration

Pin 1 ... 4: 0.34 mm²

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



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	1 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 Socket - M12 plug
Pole number	4
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adapter) 1 1	A-coded
Connector interface coding (cable/adapter) 2 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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918975551
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)	4c3e4569-fd62-499c-bd56-09a79d4967f1
SCIP notification number (Belgium)	98951683-d5d5-4aad-8c92-cc829f278a5c
SCIP notification number (Bulgaria)	ed9fe69e-54ca-44ac-afdc-6bd555918aac
SCIP notification number (Czech Republic)	b568b021-3cc9-444e-a320-7c8d14ab3d45
SCIP notification number (Denmark)	84de3c94-cb6c-47d9-b788-25745b7c7d06
SCIP notification number (Finland)	b1cab41-1a3a-46f1-9451-8d502c6087ca
SCIP notification number (France)	f8b228a6-eb8f-4076-83f2-062664d7c781
SCIP notification number (Germany)	4bdbf50c-ee89-4cc0-b74f-48c0cc4f4fad
SCIP notification number (Hungary)	6a57618b-0d53-4cf1-b3eb-75ca6073d2f8
SCIP notification number (Italy)	5e1a7501-2f10-47fe-9963-b2196cc18633
SCIP notification number (Netherlands)	95567c8a-f09d-4f4a-b2a4-ef6be689d62b
SCIP notification number (Poland)	a8c31d7a-7605-48b0-a777-1b5c09fdf702
SCIP notification number (Romania)	8008fe6a-551b-4b9e-872b-0aa1be65bf89
SCIP notification number (Sweden)	fc238269-1327-49aa-a697-ba5c3613efa7



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5403/040-010	
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Documentation

System Description

IP67 Cables and Plug- gable Connectors	pdf 157.80 KB	
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Bid Text

756-5403/040-010	19.02.2019	xml 3.24 KB	
756-5403/040-010	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5403/040-010	
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