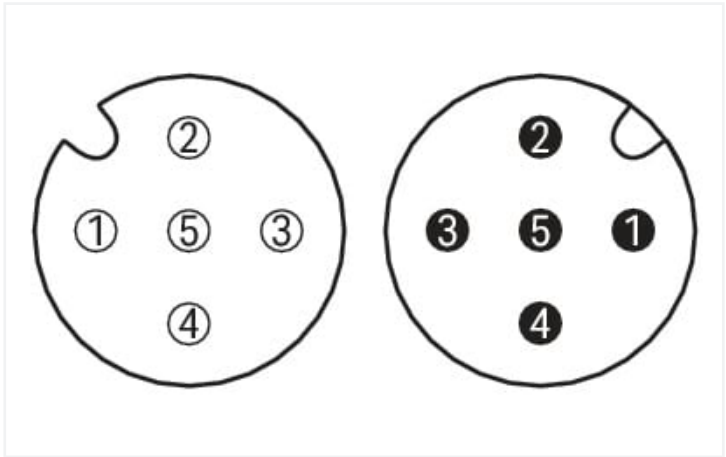


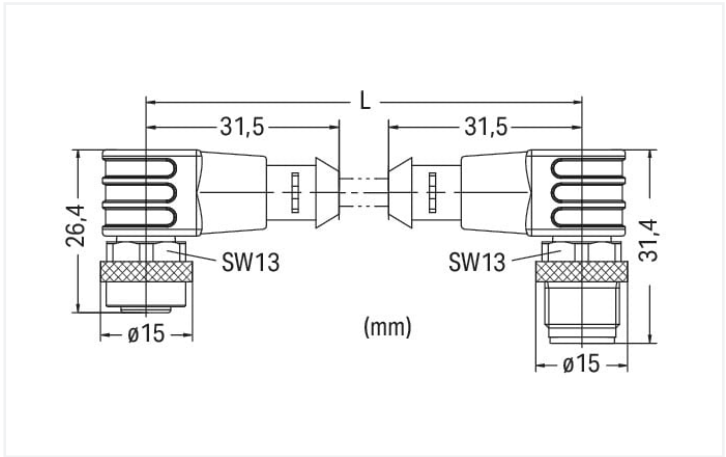


Similar to illustration



Pin 1 ... 5: 0.34 mm²

1	brown	1
2	white	2
3	blue	3
4	black	4
5	gray	5



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	2 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 Socket - M12 plug
Pole number	5
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	90 °
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	4044918975681
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)	fff76b18-7e4c-439b-9243-e4bf97be1a21
SCIP notification number (Belgium)	d0e7f54c-b51f-4d1d-8832-04da6b58333d
SCIP notification number (Bulgaria)	587fb611-0d4c-46a4-8ff9-bf6dabe29afa
SCIP notification number (Czech Republic)	0ab4dd2b-3299-425f-91ac-da7cc2df51c3
SCIP notification number (Denmark)	2d5bf720-2b5d-4ef5-be39-93994f4e9fc3
SCIP notification number (Finland)	e777ecdc-2bce-4527-addd-7928f5aa7cb5
SCIP notification number (France)	26f09033-6a65-474f-aa90-0c51e4d95d53
SCIP notification number (Germany)	46be6f24-7c67-4f36-8a58-8b13aediaeffd
SCIP notification number (Hungary)	c0ca7d39-e0b2-41ea-a054-617e16df141a
SCIP notification number (Italy)	81929aab-3a1a-4ce8-834c-3819447282df
SCIP notification number (Netherlands)	c1df2d73-d6f0-4ad1-ab51-e84849dbb918
SCIP notification number (Poland)	ece26cc0-94f0-4844-92a4-85bca1c96ae1
SCIP notification number (Romania)	21141e96-975a-468f-90b6-3b62d58e9950
SCIP notification number (Sweden)	3454aeb2-00c1-4c41-b3b6-b6e99266034e



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5404/050-020	
---	--

Documentation

System Description

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

Bid Text

756-5404/050-020	19.02.2019	xml 3.27 KB	
756-5404/050-020	20.09.2017	doc 27.00 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5404/050-020	
------------------------------------	--