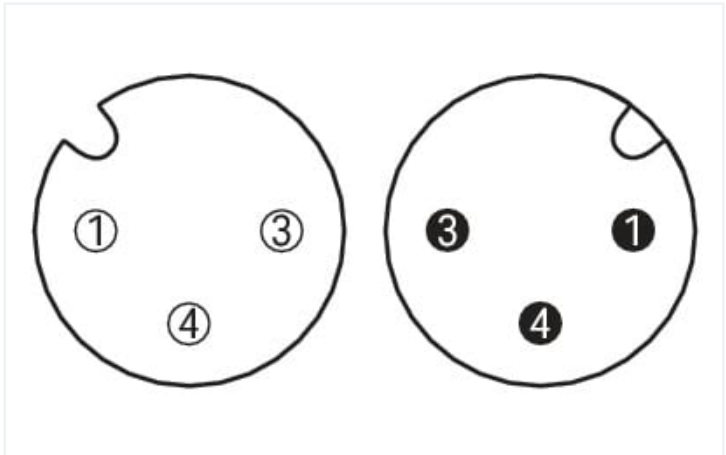


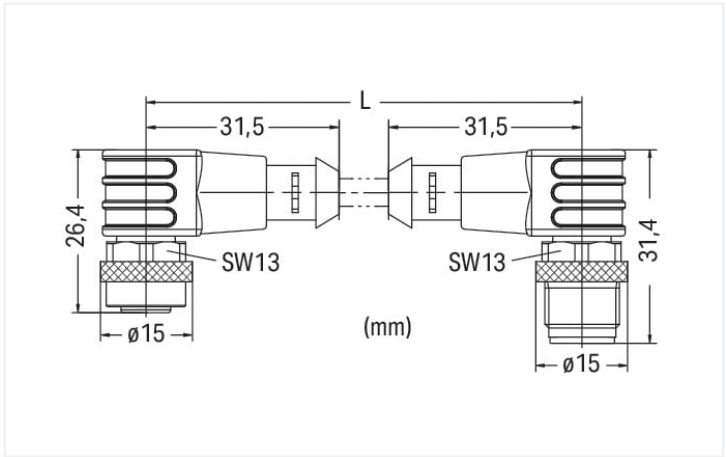


Similar to illustration



Pin 1 ... 4: 0.34 mm²

1	brown	1
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	Fixed: >4xØ; Flexible: >7.5xØ
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	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	4.1 ... 4.5 mm

Connector	
Connection type	M12 Socket - M12 plug
Pole number	3
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	4044918975124
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)	2686c858-3667-435f-8f35-36c87310747d
SCIP notification number (Belgium)	07dd15e4-8f74-4b5e-b5aa-d8460d542506
SCIP notification number (Bulgaria)	8c6e2586-1d59-410f-8685-03343fca3caf
SCIP notification number (Czech Republic)	37af2d3d-c03c-4627-ad53-e970cd698abd
SCIP notification number (Denmark)	37e02f39-36d1-4213-9a2d-da284844e077
SCIP notification number (Finland)	cbd16673-034d-4761-a4d6-292a1dacd231
SCIP notification number (France)	f7e08065-eda6-40c7-943d-4ae96dfd023c
SCIP notification number (Germany)	c7439815-7b38-4dff-b923-3c252d86bf9b
SCIP notification number (Hungary)	84397f8b-801e-47e3-91a4-8a6933732bf3
SCIP notification number (Italy)	6eaf6c8d-2c67-4550-8a2a-8cb05e4e1a8d
SCIP notification number (Netherlands)	212b953a-f5a4-4210-b94b-c4a4c7493ef0
SCIP notification number (Poland)	dfd338e9-b5e5-42ee-a23f-11ef2f2ff034
SCIP notification number (Romania)	24cd1f52-edd1-4ee3-af43-7f7d41fc3967
SCIP notification number (Sweden)	7f91bc41-3a59-48fa-bc83-0a621f5f8187



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5404/030-020	
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Documentation

System Description

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

756-5404/030-020	19.02.2019	xml 3.21 KB	
756-5404/030-020	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5404/030-020	
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