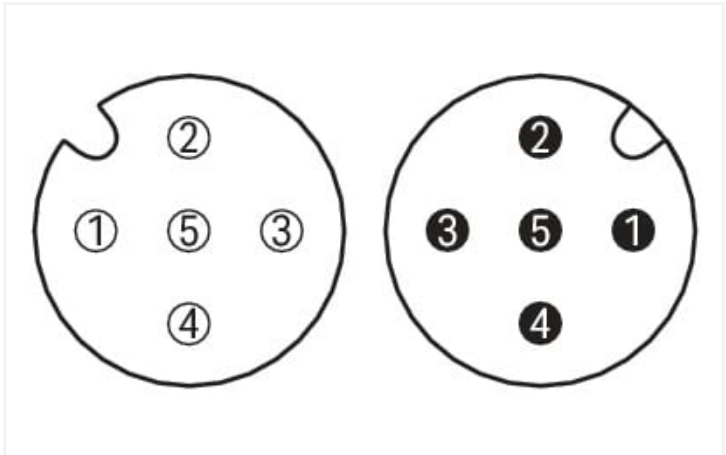
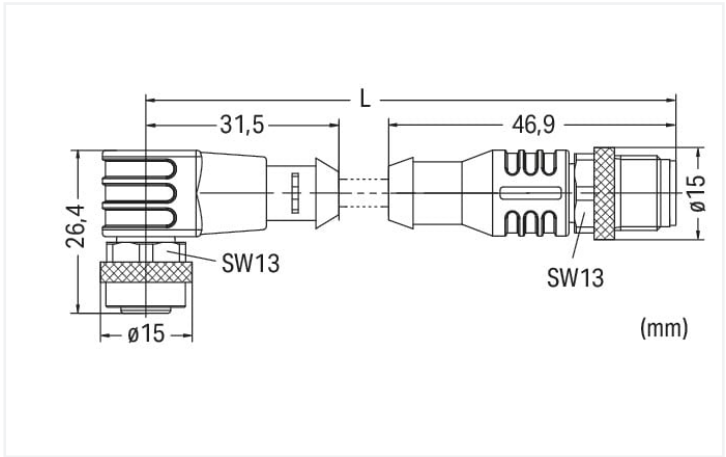




Similar to illustration

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	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	4.8 ... 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)	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	4044918975650
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)	f5bb70b4-9a0d-49c2-bac3-e875831e6a49
SCIP notification number (Belgium)	a9e9d779-88a4-4eb0-bf8a-e47a9567262f
SCIP notification number (Bulgaria)	951cfebb-f8b0-420f-828f-3333904bc874
SCIP notification number (Czech Republic)	bbccadfb-c5d1-4802-9a0e-f9a4ea2ca416
SCIP notification number (Denmark)	1bee19c8-6642-42c2-8b73-1c931cc69bfd
SCIP notification number (Finland)	e4560381-8b2c-4a27-8a1b-37abfe1d66c8
SCIP notification number (France)	8b4a540b-3a75-42b4-ad20-0f199610f462
SCIP notification number (Germany)	d2d0a1e9-a512-427a-81db-41c590a62bdf
SCIP notification number (Hungary)	c8668bfa-2f58-42ef-889e-b2b837828eda
SCIP notification number (Italy)	db785c2f-c4c7-4a4b-865c-aa3afce08823
SCIP notification number (Netherlands)	b4ce095b-030c-4804-9067-5b77bd636b38
SCIP notification number (Poland)	6ded1d95-325c-4aff-8990-867df953c0c3
SCIP notification number (Romania)	4caae877-f445-492d-be4d-710c26091536
SCIP notification number (Sweden)	03dae947-2da8-40a6-9f06-3edb8d775abf



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5403/050-010	
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Documentation

System Description

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

756-5403/050-010	19.02.2019	xml 3.26 KB	
756-5403/050-010	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5403/050-010	
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