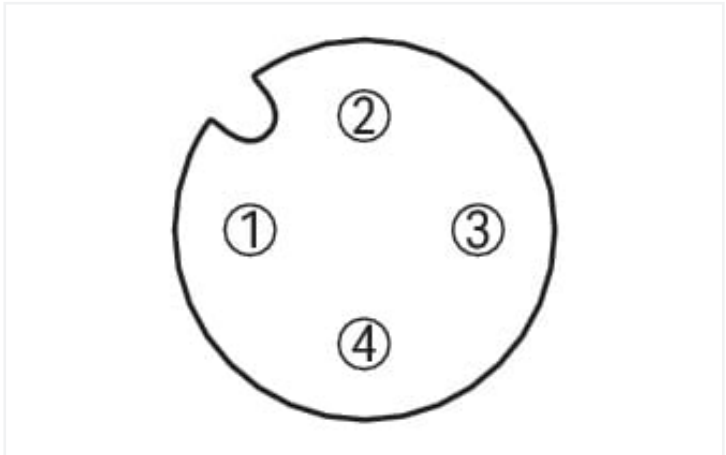
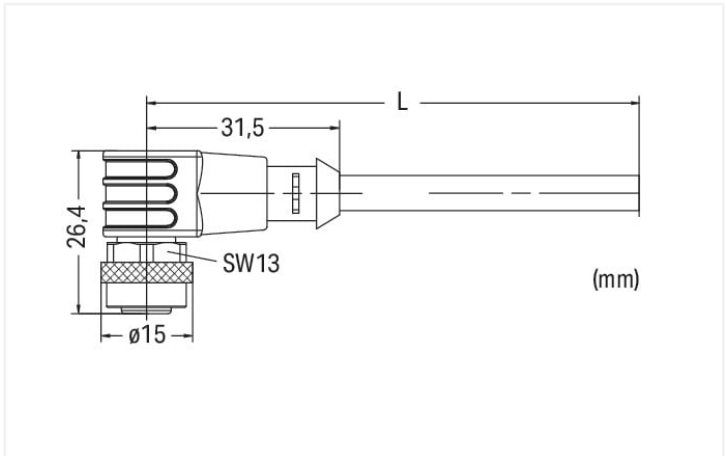




Similar to illustration

Pin 1 ... 4: 0.34 mm²

1	brown
2	white
3	blue
4	black



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	10 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 - free end
Pole number	4
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adap-ter) 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	4045454820664
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)	bdf76152-f90e-4a9d-9707-772f98328fad
SCIP notification number (Belgium)	4723b173-8a25-4994-8d26-9381ceb8c533
SCIP notification number (Bulgaria)	546b3aa0-b3c6-43ef-8b32-046649ce2bff
SCIP notification number (Czech Republic)	a1159397-b9aa-4471-9923-b5b5d2acb06e
SCIP notification number (Denmark)	ba620928-bd75-4406-826a-2a01972461db
SCIP notification number (Finland)	5c0e7e63-e449-4d3a-8afa-e82765a537de
SCIP notification number (France)	d3d408f7-fa52-4459-9837-88794c26d4fe
SCIP notification number (Germany)	c891a51d-f2a3-47a0-a891-1b1c702c559d
SCIP notification number (Hungary)	da7a9d51-317c-45db-b454-54b817180ae9
SCIP notification number (Italy)	ccb0539f-bd3f-429c-b893-8ccaefcf2360
SCIP notification number (Netherlands)	b8893868-f478-4ef7-927e-83e4739752b7
SCIP notification number (Poland)	3b05b24e-b9f1-4d0f-9005-185ab7c92b56
SCIP notification number (Romania)	a4abbc79-98d2-429b-8d06-879bfa4b66f
SCIP notification number (Sweden)	07e64358-0833-43ef-aa65-81054bea8465

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance		756-5302/040-100	

Documentation				
System Description			Bid Text	
IP67 Cables and Plug-gable Connectors	pdf	157.80 KB	756-5302/040-100	
			19.02.2019	xml 3.24 KB
			756-5302/040-100	
			20.09.2017	doc 26.00 KB

CAD/CAE-Data			
CAE data			
WSCAD Universe		756-5302/040-100	