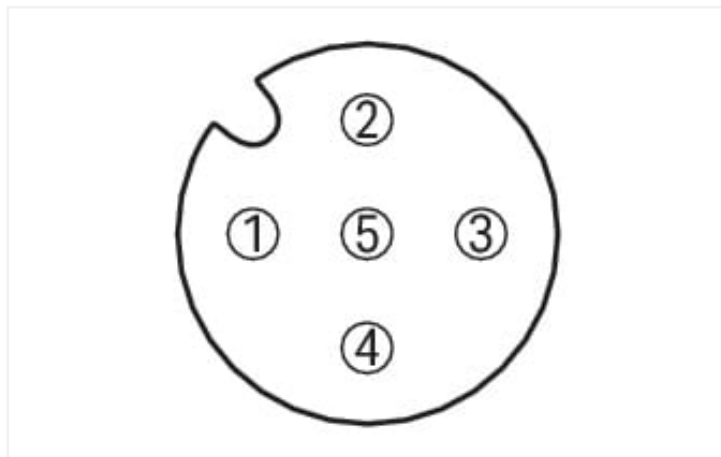


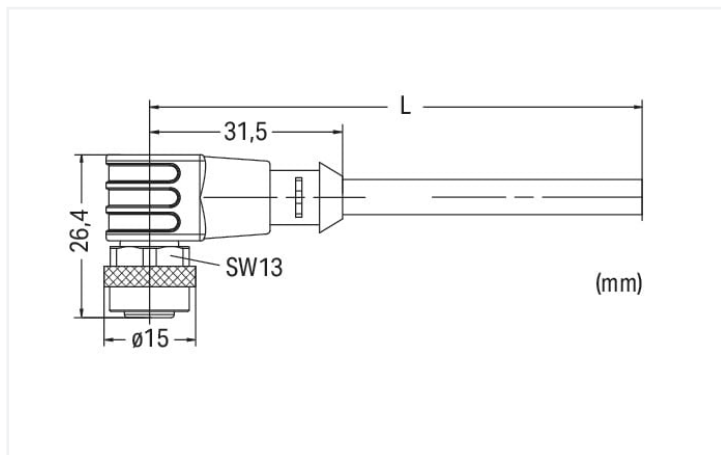


Similar to illustration



Pin 1 ... 5: 0.34 mm²

1	brown
2	white
3	blue
4	black
5	gray



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

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	1.5 kV
Insulation resistance	>10 ⁹ Ω
Contact resistance	10 mΩ
Conductor resistance	≤ 60 Ω/km
Pollution degree	3 per VDE 0110
Protection type	IP67
Ambient (operating) temperature (static)	-50 ... +90 °C
Ambient (operating) temperature (dynamic)	-25 ... +90 °C

Drag chain compatible

Bending radius	10 x cable diameter (min.)
Bending cycles	2 million
Acceleration (min.)	5 m/s ²
Travel speed (max.)	3.33 m/s
Travel path (horizontal) max.	5 m
Travel path (vertical) max.	2 m
Torsional capacity	180 °/m

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	4.8 ... 5.2 mm

Connector	
Connection type	M12 Socket - free end
Pole number	5
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adaptor) 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)	5 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454515263
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)	5e1f4fe2-5e37-4e70-afd9-6a4d7600601a
SCIP notification number (Belgium)	3baf80fe-e8d2-43c3-b018-c66d40d61174
SCIP notification number (Bulgaria)	c263eea7-f6c6-433e-beaf-bd3b37d52b39
SCIP notification number (Czech Republic)	a09a6eca-8f02-4a09-8c18-dbbec0659a41
SCIP notification number (Denmark)	036e7fcd-258d-439c-922f-7bd1ec8a489f
SCIP notification number (Finland)	9eba8a4f-bd58-4faa-83ac-16d4bbbc8ec5
SCIP notification number (France)	92e05fef-543e-4637-86c1-bb48f32aa17e
SCIP notification number (Germany)	682c74b4-21cd-4a1c-b746-c4fa3ee3c845
SCIP notification number (Hungary)	d864274d-38ba-47f9-a69e-be00a517feff
SCIP notification number (Italy)	29f8d4cb-9e55-4ce9-8a20-c821e5a5b581
SCIP notification number (Netherlands)	6b7b80ff-8bf6-4fbf-ad8d-ffb64609e627
SCIP notification number (Poland)	6118b372-d20a-4338-bd08-cf1f8e309174
SCIP notification number (Romania)	723570d4-434f-4e3d-9977-384f0ebe244e
SCIP notification number (Sweden)	c3083ae2-5074-426c-b71a-7b0fad9a2010

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5302/050-100



Documentation

System Description

IP67 Cables and Plug-gable Connectors

pdf
157.80 KB



Bid Text

756-5302/050-100

19.02.2019

xml
3.27 KB



756-5302/050-100

20.09.2017

doc
26.50 KB



CAD/CAE-Data

CAE data

WSCAD Universe
756-5302/050-100

