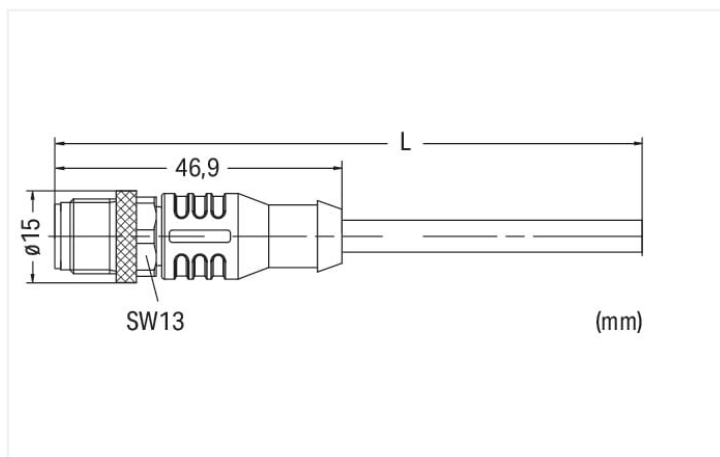


Similar to illustration

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 plug - free end
Pole number	5
Cable connection direction to mating direction	0 °
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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454942151
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)	1400d545-b2ee-45e2-9872-f25091fa29ec
SCIP notification number (Belgium)	2eec3f2d-05b3-4df4-889f-077ae15f5f8a
SCIP notification number (Bulgaria)	e8149cd9-6dee-4391-96e6-b1525ddb0530
SCIP notification number (Czech Republic)	f5c585d7-7ea3-4ff3-89b0-91964a00c04c
SCIP notification number (Denmark)	82e44add-41cd-4b53-9e52-e1925b442794
SCIP notification number (Finland)	2292181f-67ae-4e4b-984f-79ca2196270c
SCIP notification number (France)	24c367ac-7899-4e4f-ba29-de97e192342e
SCIP notification number (Germany)	cc8b71a3-ff0b-419c-9d3f-c03d25bf7fc2
SCIP notification number (Hungary)	2656ed1e-16c6-440e-8be6-96df75e03f6b
SCIP notification number (Italy)	8331b635-6f36-4d4e-817b-3967f80d5275
SCIP notification number (Netherlands)	a9d31533-c301-47f4-a7d1-0e227f4c9524
SCIP notification number (Poland)	80233867-e5b8-4831-aa0c-706faf75d36c
SCIP notification number (Romania)	14f69653-8863-427f-af3a-fd7794755f4d
SCIP notification number (Sweden)	3686a24c-0fdd-4b45-be3b-5249ffa15c8c

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5311/050-100



Documentation

System Description

IP67 Cables and Plug-gable Connectors

pdf
157.80 KB



Bid Text

756-5311/050-100

19.02.2019

xml
3.26 KB



756-5311/050-100

20.09.2017

doc
26.50 KB



CAD/CAE-Data

CAE data

WSCAD Universe
756-5311/050-100

