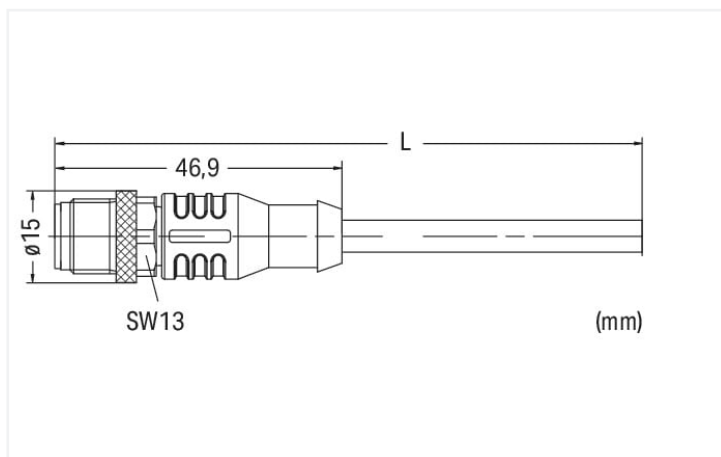
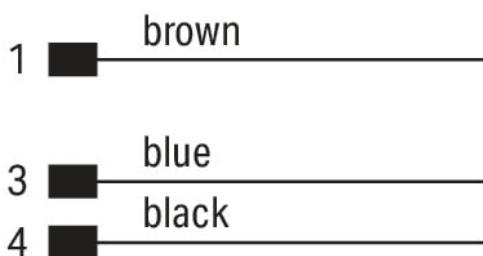


Similar to illustration

Pin 1 ... 4: 0.34 mm²



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	2.5 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 diameter (min.)	86 mm
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	5 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 plug - free end
Pole number	3
Cable connection direction to mating direction	0 °
Connector interface coding (cable/adapter) 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	4045454942069
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)	8ea9dccc-d154-4b53-beb5-a124c113c453
SCIP notification number (Belgium)	cb7e1642-aa64-46da-82f3-7a777e380e2c
SCIP notification number (Bulgaria)	b482debe-4c8d-43da-9116-315bb4ed61d3
SCIP notification number (Czech Republic)	821baa26-44cd-4b82-a1bf-34261831c3be
SCIP notification number (Denmark)	a6ff9966-621c-4929-875e-0febe1d5cd15
SCIP notification number (Finland)	91fa3dba-9fcd-4e7e-983a-fa5f91bdd432
SCIP notification number (France)	3286f63e-5ef2-414f-800d-b76432abdf21
SCIP notification number (Germany)	9b050b19-b3dc-4b71-aebd-57b85d3302a4
SCIP notification number (Hungary)	cfd3743e-013b-479e-a8a1-08bc4af88c4e
SCIP notification number (Italy)	29d2290e-9ae8-43fd-8236-e9031b6c2595
SCIP notification number (Netherlands)	ac6859ab-8cc2-46e2-a4b1-0741966d5afe
SCIP notification number (Poland)	95f9e867-dc3c-472f-8fae-1b0c2c72dfce
SCIP notification number (Romania)	402fc76d-fee-4877-9bbe-fdcc989204f7
SCIP notification number (Sweden)	754fd148-cd48-4841-ab6b-17b3b8a2923b

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5311/030-050



Documentation

System Description

IP67 Cables and Plug-gable Connectors

pdf
157.80 KB



Bid Text

756-5311/030-050

19.02.2019

xml
3.21 KB



756-5311/030-050

20.09.2017

doc
25.50 KB



CAD/CAE-Data

CAE data

WSCAD Universe
756-5311/030-050

