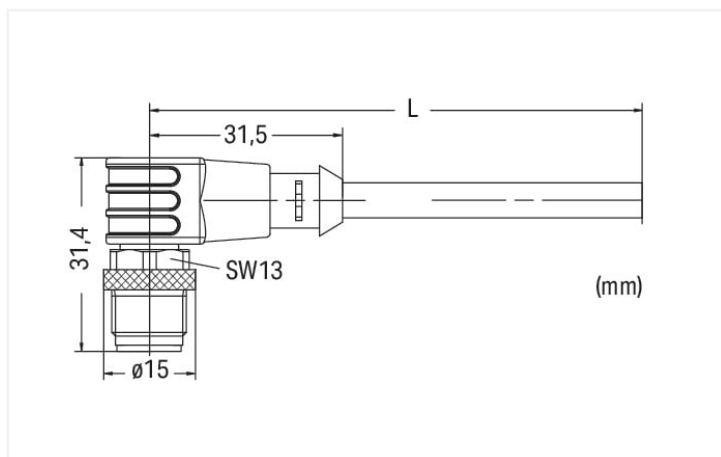
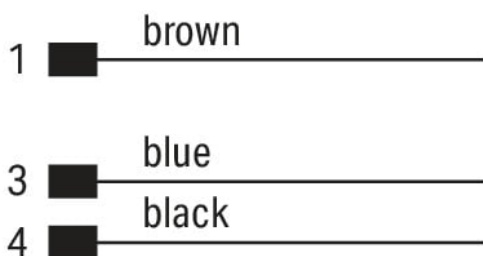


Similar to illustration

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 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	1.5 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	90 °
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	4045454942205
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)	2bd79c25-0fb1-4da3-8429-8b430928cc66
SCIP notification number (Belgium)	f2e8e667-d230-4c0e-aaa2-fad8cee83882
SCIP notification number (Bulgaria)	6ffc2547-56ef-4654-ae79-71f77236700f
SCIP notification number (Czech Republic)	6a522774-64a0-4b4c-b8bd-c7030df8627d
SCIP notification number (Denmark)	736fd08e-fa9c-4136-97a2-232b5eb34520
SCIP notification number (Finland)	1998c979-5803-4ac2-abbf-8c43442fe7e6
SCIP notification number (France)	1679755b-6a9e-4e5f-9cc2-4d1f95801939
SCIP notification number (Germany)	99b00af0-1a23-489c-a23d-5dc51b9f7bf8
SCIP notification number (Hungary)	e83c6562-53ea-4c1d-8e61-bbc8a2583977
SCIP notification number (Italy)	0889ec03-0a43-42aa-b516-2935aa4c77a0
SCIP notification number (Netherlands)	5d2f6f3a-9c04-41e5-beb7-55e84d6526c7
SCIP notification number (Poland)	ee8f9067-399d-4ad9-8e31-b4bde4552498
SCIP notification number (Romania)	528d7b58-9555-4cee-81ee-611532e32bb3
SCIP notification number (Sweden)	bd488eec-b00d-4499-9f7e-d63ec17db922

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5312/030-015



Documentation

System Description

IP67 Cables and Plug-gable Connectors

pdf
157.80 KB



Bid Text

756-5312/030-015

19.02.2019

xml
3.22 KB



756-5312/030-015

20.09.2017

doc
26.00 KB



CAD/CAE-Data

CAE data

WSCAD Universe
756-5312/030-015

