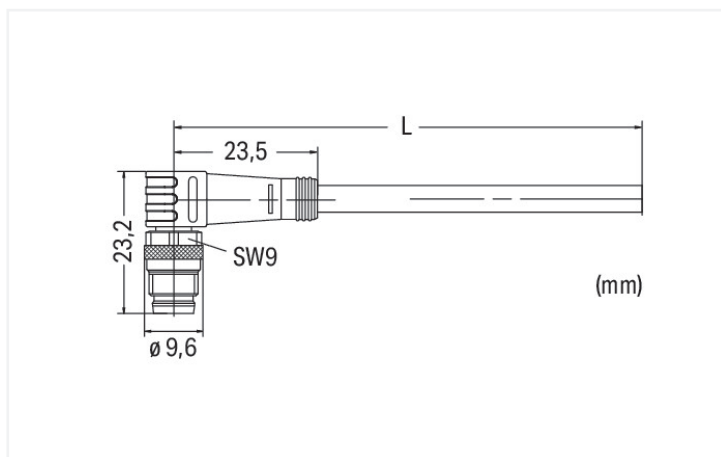
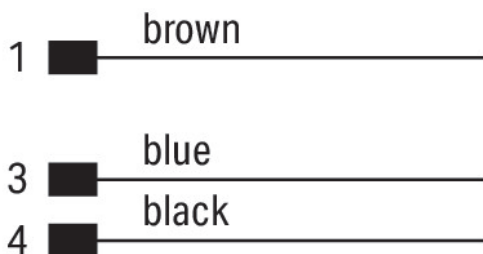


Similar to illustration

Pin 1 ... 4: 0.25 mm²



Dimensions in mm

Short description:

- PUR, halogen-free
- Suitable for drag chains
- Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation.
- Good chemical resistance.
- Cable used: UL listed

Technical data

General information

Operating voltage	AC/DC 60 V
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	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	3.9 ... 4.3 mm

Connector	
Connection type	M8 plug - free end
Pole number	3
Cable connection direction to mating direction	90 °
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 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	4045454941970
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)	7b219c3f-4fb4-4a91-8d07-b8c8db300bda
SCIP notification number (Belgium)	68bcac4e-78c9-485d-980e-c93c383bac4e
SCIP notification number (Bulgaria)	dac237a6-a47e-4ffb-9bcc-5768664386aa
SCIP notification number (Czech Republic)	3d7bcfaa-568a-4cfb-8e2b-caf18c5cc26f
SCIP notification number (Denmark)	b485392b-e147-403c-a8da-5b32895195b9
SCIP notification number (Finland)	780993bc-eeb4-4686-acc7-abec0be5a4d
SCIP notification number (France)	1c32328a-f6c6-4220-aa1c-fb951d94a264
SCIP notification number (Germany)	826de79d-a113-4622-a3c7-72e86b18cca8
SCIP notification number (Hungary)	b93cd041-df56-485f-90e8-f0e87b4c1f55
SCIP notification number (Italy)	e3ea089f-47b5-4a28-96bb-c181ff1c8dd9
SCIP notification number (Netherlands)	ba7382ab-ff57-4259-9d67-3e0cd0ec2c19
SCIP notification number (Poland)	7f337797-916b-43d7-923d-23f5287a787b
SCIP notification number (Romania)	cdab4c66-56e0-4bb1-99fc-5aa31dadf5b4
SCIP notification number (Sweden)	0690fcf8-c1fb-4587-941c-85595769f986

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5112/030-050



Documentation

System Description

IP67 Cables and Plug-gable Connectors

pdf
157.80 KB



Bid Text

756-5112/030-050

19.02.2019

xml
3.21 KB



756-5112/030-050

20.09.2017

doc
25.50 KB



CAD/CAE-Data

CAE data

WSCAD Universe
756-5112/030-050

