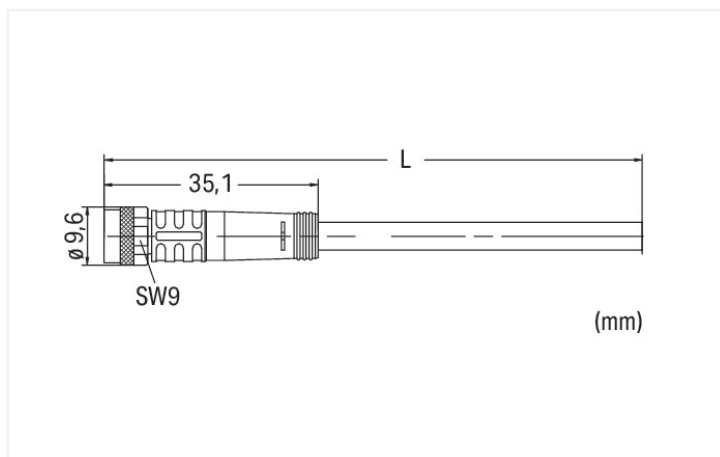
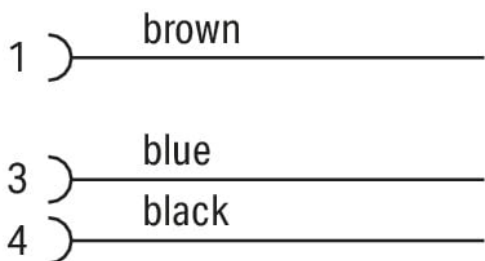


Similar to illustration

Pin 1 ... 4: 0.25 mm<sup>2</sup>



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 <sup>9</sup> 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 <sup>2</sup>
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	8 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 socket - free end
Pole number	3
Cable connection direction to mating direction	0 °
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)	10 (1) pcs
Packaging type	Box
Country of origin	CZ
GTIN	4045454287702
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)	c944ac4a-b9c0-483b-8e3b-fda1de278dfc
SCIP notification number (Belgium)	996557bb-06e7-4d49-a8ec-e89290acf8ee
SCIP notification number (Bulgaria)	51b3e9db-1af4-4c6d-b4c8-588209be2364
SCIP notification number (Czech Republic)	26c96b83-61ca-418f-800c-055f180d1c5c
SCIP notification number (Denmark)	7958765a-795e-4c19-8a76-ccae60edfaa4
SCIP notification number (Finland)	31996cf3-97a2-4344-aff8-1fd6a32096a4
SCIP notification number (France)	63f5471d-b66b-4a64-8d5b-8968ca4436b1
SCIP notification number (Germany)	1313f571-c1be-4fc1-8444-c2af3b61d190
SCIP notification number (Hungary)	dd6e7e58-f6ed-4f22-8aa7-c97f5e6e2626
SCIP notification number (Italy)	948dc496-8249-4334-b562-b3988184d662
SCIP notification number (Netherlands)	cdf8582b-9397-488e-a649-f708f18464e9
SCIP notification number (Poland)	ed9ccf52-d8dd-4c97-a0bd-942b65d37b0c
SCIP notification number (Romania)	a1cfdfb7-ab86-4b41-b167-b19290974fb7
SCIP notification number (Sweden)	240f8b9d-0145-421c-8847-10be8c984401

## Approvals / Certificates

### General approvals



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

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product  
Compliance  
756-5101/030-080



## Documentation

### System Description

IP67 Cables and Plug-  
gable Connectors

pdf  
157.80 KB

