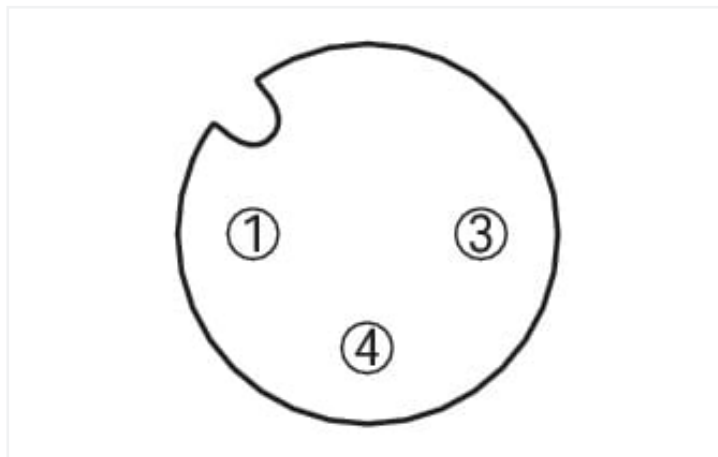




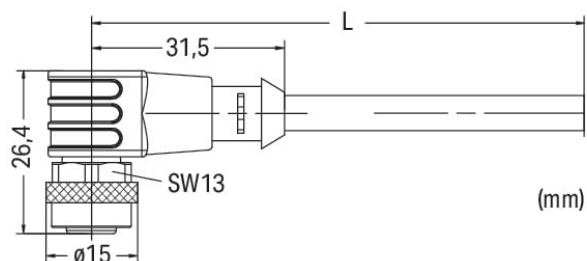
Similar to illustration



1) brown

3) blue

4) black



Dimensions in mm

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

General information

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	2.5 kV
Insulation resistance	$>10^9 \Omega$
Contact resistance	10 m Ω
Conductor resistance	$\leq 60 \Omega/\text{km}$
Pollution degree	3 per VDE 0110
Protection type	IP67
Ambient (operating) temperature (static)	-50 ... +90 °C
Ambient (operating) temperature (dynamic)	-25 ... +90 °C

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 Socket - free end
Pole number	3
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adap-ter) 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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918974929
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)	03504caf-e6e6-44d1-bd01-2de04af99a1f
SCIP notification number (Belgium)	b5b0806f-cb20-490a-8687-1dde666ef3f7
SCIP notification number (Bulgaria)	d9809d57-7bb9-48ae-ab66-c94aa79b6c56
SCIP notification number (Czech Republic)	0a59f725-7b2a-4d64-8af8-c9ed32788d44
SCIP notification number (Denmark)	e4620cbc-e5c4-4660-b079-f2f5e6326972
SCIP notification number (Finland)	75ff446e-89c6-4e2b-bc5b-61c07734175d
SCIP notification number (France)	90eb3f2c-0972-4667-9c09-b2273e2eae97
SCIP notification number (Germany)	2ad5244e-e175-434a-8e2b-828087e31146
SCIP notification number (Hungary)	a1dd17de-41b4-42a5-b903-c80a94fb1c62
SCIP notification number (Italy)	6fbaf79f-be42-4fff-920b-c2a3e9bde362
SCIP notification number (Netherlands)	e5c7fb1a-4065-439c-a9e5-7d67f0cf1333
SCIP notification number (Poland)	78decc9d-9122-44f7-96f4-1c75ba6d5263
SCIP notification number (Romania)	1a72652d-a4eb-4d6c-bc5c-2ae5cccdabe8f
SCIP notification number (Sweden)	7f350a58-7234-465a-8138-04e4d7b7d88b

Approvals / Certificates

General approvals



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

System Description			Bid Text			
IP67 Cables and Plug- gable Connectors	pdf 157.80 KB		756-5302/030-050	19.02.2019	xml 3.21 KB	
			756-5302/030-050	20.09.2017	doc 25.50 KB	

CAE data
WSCAD Universe
756-5302/030-050