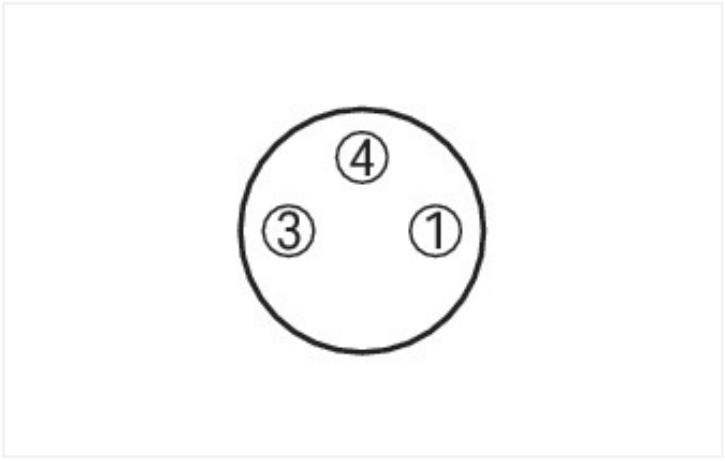
Data Sheet | Item Number: 756-5101/030-100

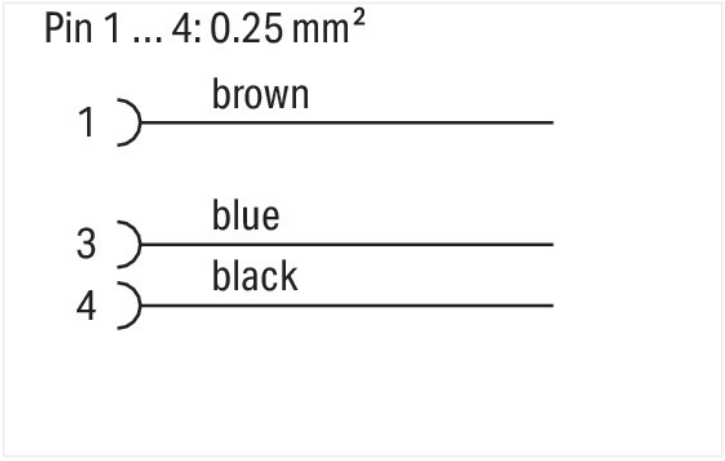
Sensor/Actuator cable; M8 socket; straight; 3-pole; Length: 10 m

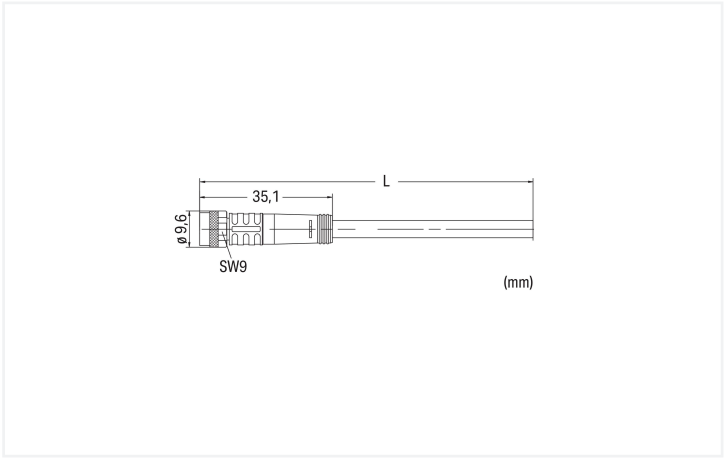
https://www.wago.com/756-5101/030-100





Similar to illustration





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 impulse withstand 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

General information

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/s²
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	10 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

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

PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	CZ
GTIN	4045454941895
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
eCl@ss 10.0	27-06-03-11
eCl@ss 9.0	27-06-03-11
ETIM 9.0	EC001855
ETIM 10.0	EC001855
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	3653d290-02d6-4db5-9f01-28b1d8ad92f6
SCIP notification number (Belgium)	fa42edb2-5557-4eed-b5df-3a8e99649cad
SCIP notification number (Bulgaria)	3875e5d1-b16f-4fe4-aefa-ab3e797e0352
SCIP notification number (Czech Republic)	3547a2c6-7af9-47ea-9a15-1a92db3b4060
SCIP notification number (Denmark)	c9e40764-4a51-4f30-a2f6-5e5fb39c7dc8
SCIP notification number (Finland)	8ed57ca0-8a61-44be-a3b6-edf20102eb85
SCIP notification number (France)	84297ac0-a9ab-401b-89e9-7309a0d7e0fa
SCIP notification number (Germany)	a9d5c177-6e41-4d4b-881e-924da40ddd6c
SCIP notification number (Hungary)	e6680b9e-0729-4fc5-94f9-2dc2bbfbdc72
SCIP notification number (Italy)	6f082360-c440-4681-a061-eb29b7885cba
SCIP notification number (Netherlands)	72fb1f05-7780-41eb-baeb-795fc8f20f3f
SCIP notification number (Poland)	76822fed-6d1b-4ad0-bd68-85d92cf6994e
SCIP notification number (Romania)	75e5203f-ef0e-41bd-ae54-2565485e6d1b
SCIP notification number (Sweden)	af1f11ce-92e5-4551-97a2-3117697fb43a

Continued on next page

Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5101/030-100

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5101/030-100	19.02.2019	xml 3.20 KB
756-5101/030-100	20.09.2017	doc 25.00 KB

CAD/CAE-Data

CAE data

WSCAD Universe
756-5101/030-100