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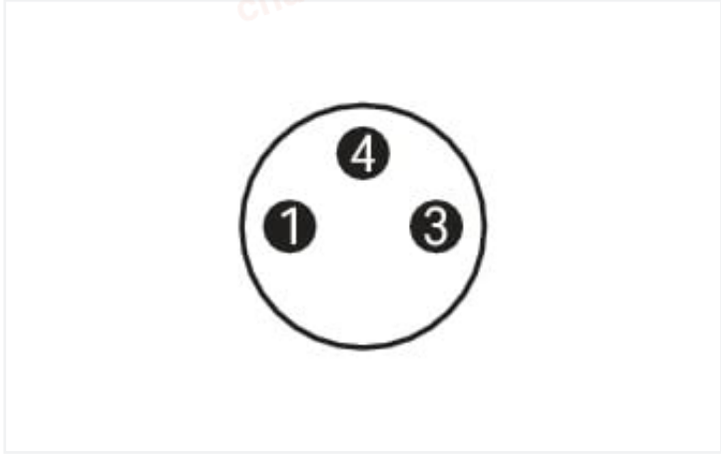
Data Sheet | Item Number: 756-5111/030-015

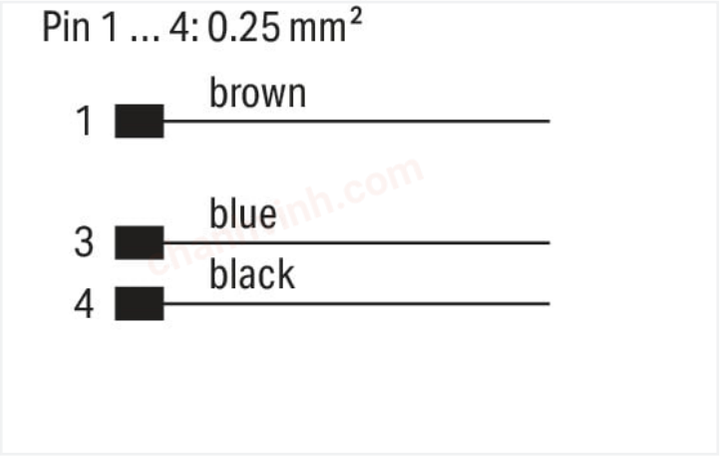
Sensor/Actuator cable; M8 plug; straight; 3-pole; Length: 1.5 m

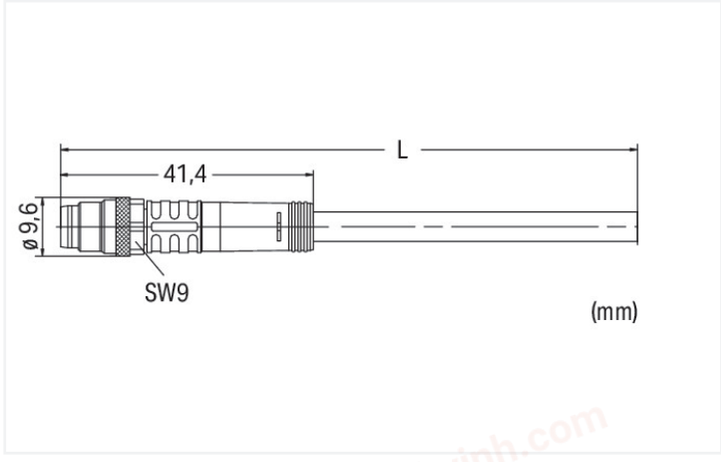
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Similar to illustration







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 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/s²
Travel speed (max.)	3.33 m/s
Travel path (horizontal) max.	5 m
Travel path (vertical) max.	2 m
Torsional capacity	180 °/m

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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	3.9 … 4.3 mm

Connector

Connection type	M8 plug - 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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454941918
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)	1249a8bb-e2f4-4afd-bc96-bafa3be392bb
SCIP notification number (Belgium)	f06e54c6-81e9-465b-b206-d31c00285396
SCIP notification number (Bulgaria)	98222f7e-d898-45ee-a2bb-3284bbf100b7
SCIP notification number (Czech Republic)	96990633-1727-48a0-be46-11e3d47d1362
SCIP notification number (Denmark)	6ee0bf11-f091-44b5-a78e-f6105d017498
SCIP notification number (Finland)	5fa3c415-20d1-4e26-a573-6c17db7e087d
SCIP notification number (France)	012c2e7c-4270-4ef1-ad55-b0f4893ea116
SCIP notification number (Germany)	94b3bd0e-8fe2-412b-b99a-0ffdfd5d6a8b
SCIP notification number (Hungary)	f7341970-35d2-4988-8a1e-1f2501234795
SCIP notification number (Italy)	6693575e-90f4-419f-b2a3-c8faab204ec8
SCIP notification number (Netherlands)	c41cf73f-7116-4b2d-a934-73beb5063c63
SCIP notification number (Poland)	54cf42ff-966c-46b4-9040-0a8c81c6173f
SCIP notification number (Romania)	ce7ab931-c9a6-4a27-86ba-7a9431f7516b
SCIP notification number (Sweden)	c9c3555e-3f30-4c73-aec2-012023356ebb

Approvals / Certificates

General approvals

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

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5111/030-015

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5111/030-015	19.02.2019	xml 3.20 KB
756-5111/030-015	20.09.2017	doc 25.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe 756-5111/030-015