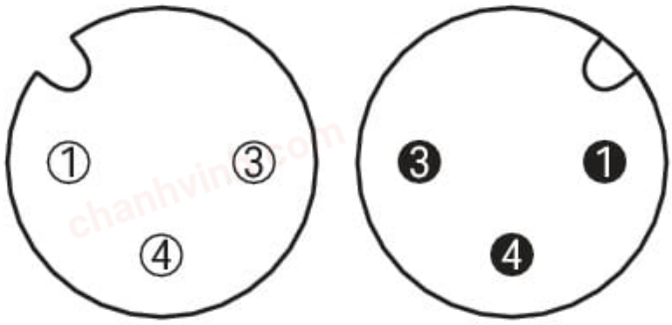
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Data Sheet | Item Number: 756-5403/030-020

Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 3-pole; Length: 2 m

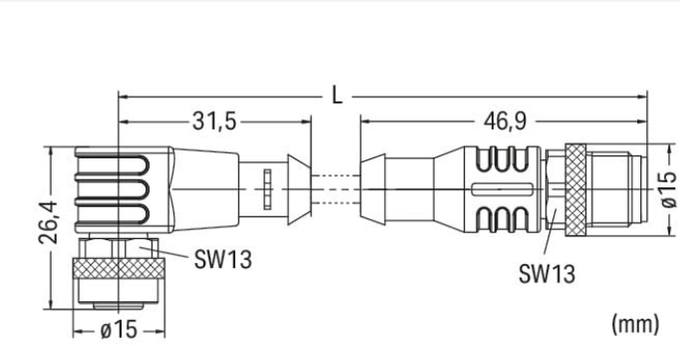
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Similar to illustration





Dimensions in mm

Short description:

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

Technical data

General information

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	2.5 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	2 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 - M12 plug
Pole number	3
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adapter) 1 1	A-coded
Connector interface coding (cable/adapter) 2 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	4044918975094
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)	bdb9d122-000c-42ca-9b97-1ad42fc6807d
SCIP notification number (Belgium)	3376c77f-f605-48c5-ba03-efb753258329
SCIP notification number (Bulgaria)	a4f8ecaa-dedc-44ac-ac93-18e3b0996998
SCIP notification number (Czech Republic)	adbbe384-f15f-4101-a30c-ee6feac40a44
SCIP notification number (Denmark)	3f6fbaa7-0120-4464-8c64-a5e1a1bdea7a
SCIP notification number (Finland)	7e841177-bc95-4798-999f-213ba4e40909
SCIP notification number (France)	18248b1e-94bc-4b45-9b36-7798f6857839
SCIP notification number (Germany)	24e89960-ed4f-4b7c-a6c2-de530724c1d8
SCIP notification number (Hungary)	c7b23652-faee-4d4e-b44a-7dd166f6a7ed
SCIP notification number (Italy)	69f1a37a-13a2-4373-841d-80b63e764d29
SCIP notification number (Netherlands)	3108b598-d392-46f8-8372-5b5b59e017c9
SCIP notification number (Poland)	fc3e575c-852f-448e-9e6f-659165e41cf3
SCIP notification number (Romania)	1809e6ce-10bd-4b31-9f32-ce0fc0c330a7
SCIP notification number (Sweden)	a863957e-dd43-48e1-930c-8b36bfcbfc12

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Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5403/030-020

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5403/030-020	19.02.2019	xml 3.21 KB	
756-5403/030-020	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe
756-5403/030-020