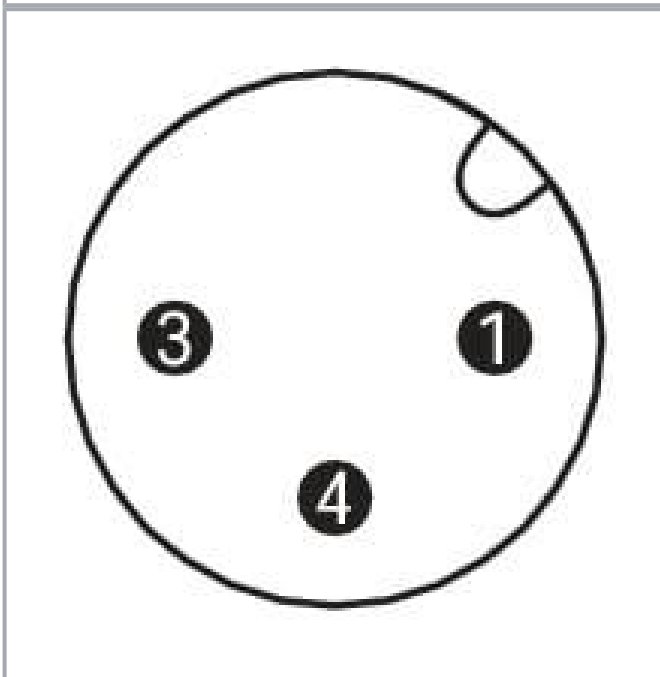
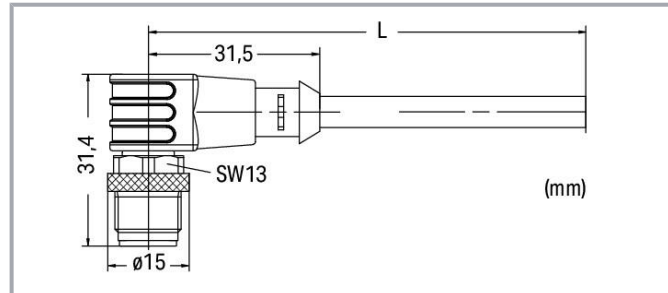


Data sheet | Item number: 756-5312/030-100

Sensor/Actuator cable; M12A plug; angled; 3-pole; Length: 10 m

www.wago.com/756-5312/030-100



Pin 1 ... 4: 0.34 mm²

- 1 ■ brown
- 3 ■ blue
- 4 ■ black

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

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

Data

Technical data

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

Drag chain compatible

Bending radius	10 x cable diameter (min.)
Bending cycles	2 Mio.
Acceleration (min.)	5
Travel speed (max.)	3.33
Travel path (horizontal) max.	5
Travel path (vertical) max.	2
Torsional capacity	180

Cable

Cable length	10 m
--------------	------

Subject to changes. Please also observe the further product documentation!



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 plug - free end
Pole number	3
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adaptor) 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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454942298
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)	6b8fd8d4-95aa-4d36-8280-c84b16987457
SCIP notification number (Belgium)	a1b9389e-5b31-449d-a8f1-2d5a15527de7
SCIP notification number (Bulgaria)	10abd5ca-b2e1-4013-be7b-988a8f23c971
SCIP notification number (Czech Republic)	8507d922-7d61-4150-abf9-29605f5c15c2

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



SCIP notification number (Denmark)	7c19ed78-7044-482a-8b37-e5cfb880699f
SCIP notification number (Finland)	92e2a8d1-1cbe-438c-9677-a240121bedc5
SCIP notification number (France)	f510f51b-0ec1-4f98-8aac-a42261f50424
SCIP notification number (Germany)	3ad3ceda-73ae-408f-a080-10c33be71a47
SCIP notification number (Hungary)	74e74356-3c43-49a7-978f-268a9f97e31c
SCIP notification number (Italy)	321ad980-77d1-4ba5-9fae-3366a322855e
SCIP notification number (Netherlands)	6315300d-05a3-492c-9dbf-9d0982918ea9
SCIP notification number (Poland)	1f75bcfe-7a41-4dc6-bb85-74de39fe03cf
SCIP notification number (Romania)	98884308-3f5e-461c-8b1f-953fb3084252
SCIP notification number (Sweden)	e599717b-002f-4141-bb28-bbbdbf0ab481

Commercial data

eCl@ss 9.0
ETIM 8.0
ETIM 7.0
Customs tariff number

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 2238	E519602

Downloads

Documentation

Bid Text

756-5312/030-100 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
756-5312/030-100 doc - Datei	2017 Sep 20	doc 26.1 kB	Download

System Description

IP67 Cables and Pluggable Connectors	pdf	Download
--------------------------------------	-----	----------

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



130.8 kB

CAD/CAE-Data

CAE data

WSCAD Universe 756-5312/030-100	URL	Download
WSCAD Universe 756-5312/030-100	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5312/030-100	URL	Download
Sensor/Actuator cable; M12A plug; angled; 3-pole; Length: 10 m		

Installation Notes

Subject to changes. Please also observe the further product documentation!