

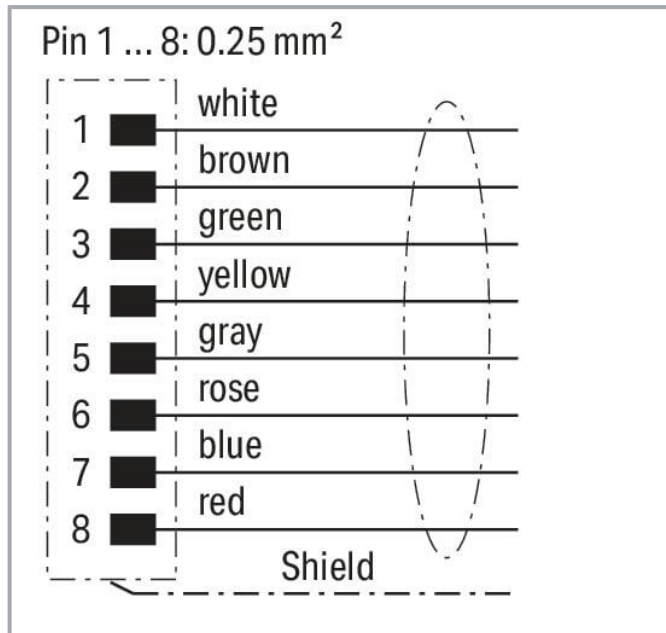
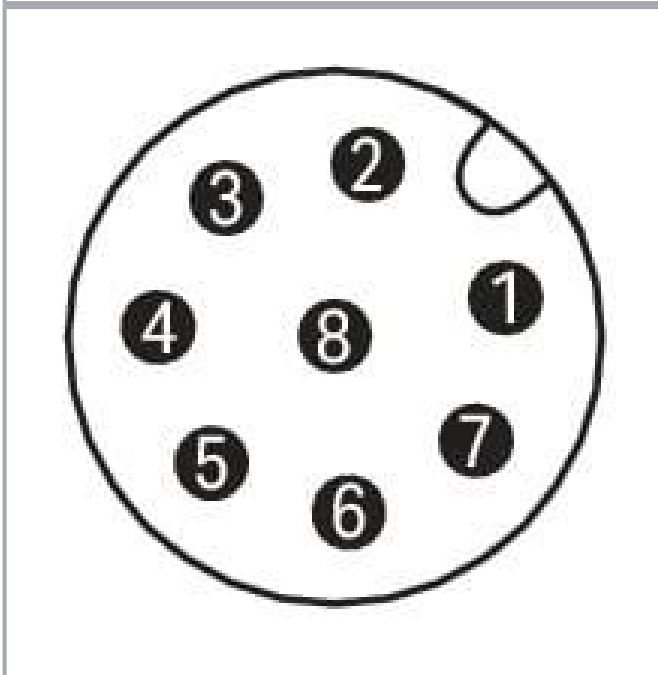
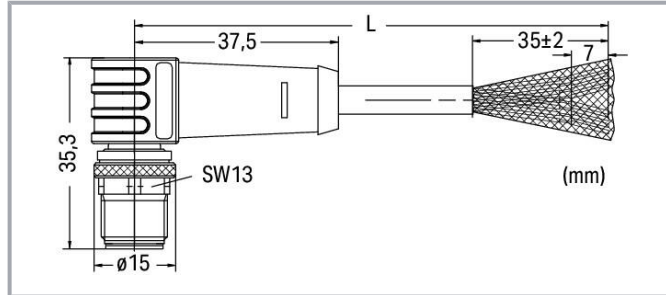
Data sheet | Item number: 756-5312/090-050

Sensor/Actuator cable; M12A plug; angled; 8-pole; Length: 5 m

[www.wago.com/756-5312/090-050](http://www.wago.com/756-5312/090-050)



**i** Picture differs from the item.



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

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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

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	1.5 kV
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

#### Suitable for drag chains

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	5 m
Type code	LiF9YH-11YH or LiF9YC11YFHF

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Conductor configuration	Bare copper wire, fine-stranded (32 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	6.1 ... 6.5 mm

## Connector

Connection type	M12 plug - free end
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adapter) 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	4050821346340
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)	53931402-e7c6-4cf6-acef-0f0b357ae25c
SCIP notification number (Belgium)	2187fddc-13ab-4e09-9f79-f2d63701c194
SCIP notification number (Bulgaria)	7a1a626c-460c-49e7-bdae-9de055335828
SCIP notification number (Czech Republic)	6e19ac3b-364e-4e67-9a88-12afa3b2bb3a
SCIP notification number (Denmark)	3f830863-034e-42c9-a37c-6c82dfdc8984
SCIP notification number (Finland)	75e15318-00ab-4ab8-bffc-f1765c5d8546

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SCIP notification number (France)	a5d43bd7-aacf-4380-8fa7-50e203bf775c
SCIP notification number (Germany)	dcbfd8c-4447-48c7-8d5e-9eaf6448a022
SCIP notification number (Hungary)	97135ad8-ee56-4d3c-8794-38d7c4743d22
SCIP notification number (Italy)	485341d3-0b00-45da-b1a5-13ef733bdbbd
SCIP notification number (Netherlands)	5b8f973e-bc45-4ef6-99bd-9715031d8ba1
SCIP notification number (Poland)	8ae35f29-4921-43bd-a369-9b402ffabef4
SCIP notification number (Romania)	6374b4bb-1a3c-41f9-a4e4-fd6e478f0885
SCIP notification number (Sweden)	1a0028be-1b16-4752-ba9a-71f0972fd416

## Approvals / Certificates

### General approvals

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

## Downloads

### Documentation

#### Bid Text

756-5312/090-050 X81 - Datei	2019 Feb 19	xml 3.4 kB	Download
756-5312/090-050 doc - Datei	2017 Sep 20	doc 27.6 kB	Download

#### System Description

IP67 Cables and Pluggable Connectors	pdf 161.6 kB	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-5312/090-050 Sensor/Actuator cable; M12A plug; angled; 8-pole; Length: 5 m	URL	Download
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## Installation Notes

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