

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



## Item description

### Short description:

These power cables are an accessory for the WAGO I/O System Field.

Use them as flexible, flame-retardant and halogen-free supply cables for industrial mechanical engineering applications – particularly those with high requirements, e.g., for use in cable chains (drag chains) and moving machine parts.

- Strong resistance to microbes and hydrolysis
- Good to very good weather resistance (UV and ozone)
- High resistance against welding sparks
- Excellent chemical and oil resistance
- Silicon- and PVC-free
- Free from paint-wetting impairment substances
- Flexible at low temperatures

## Data

### Technical data

#### General

Operating voltage	63 VDC per IEC 60664-1
Operating current	16 A
Rated surge voltage	1.5 kV per IEC 61076-2-111
Insulation resistance	1000 MΩ
Contact resistance	5 mΩ
Conductor resistance	≤ 13.7 Ω/km
Pollution degree	3 per IEC 60664-1
Protection type	IP68
Ambient temperature (operation)	-40 ... +90 °C (UL max. +80 °C)
Ambient (operating) temperature (static)	-40 ... +90 °C
Ambient (operating) temperature (dynamic)	-30 ... +90 °C

#### Suitable for drag chains

Bending radius	Fixed: >4xØ; Flexible: >7.5xØ
Bending cycles	10 Mio.

#### Cable

Cable length	2 m
Type code	LiF9YH-11Y-0B 5x1.5mm <sup>2</sup>

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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.

Conductor configuration	Bare copper wire (84 x 0.15 mm)
Conductor insulation	PP9Y (halogen-free)
Sheathed cable color	gray
Sheathed cable diameter	9.6 ... 10.2 mm

## Connector

Connection type	M12 plug - Free end
Cable connection direction to mating direction	0°
Connector interface coding (cable/adapter) 1 1	L-coded
Housing material	TPU/TPU, black (~ RAL 9005)
Tightening torque	1 Nm

## Commercial data


ETIM 8.0	EC001855
ETIM 7.0	EC003249
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143981866
Customs tariff number	85444290900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 2237	E519600

## Downloads

### Environmental Product Compliance

#### Compliance Search

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**Data sheet | Item number: 756-3504/050-020**

[www.wago.com/756-3504/050-020](http://www.wago.com/756-3504/050-020)



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Environmental Product Compliance 756-3504/050-020

Power cable; M12L plug; angled; 5-pole; Length: 2 m

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## Installation Notes

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