

## Data sheet | Item number: 756-3505/050-005

Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 0.5 m

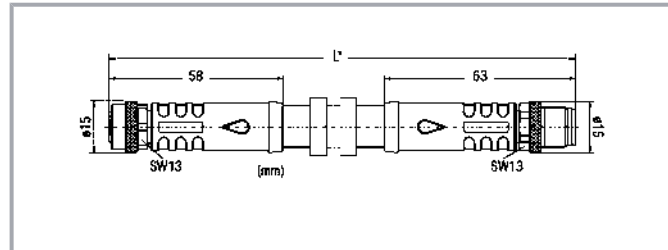


[www.wago.com/756-3505\\_050-005](http://www.wago.com/756-3505_050-005)



RoHS   
 Compliant

[BOMcheck.net](https://www.bomcheck.net)



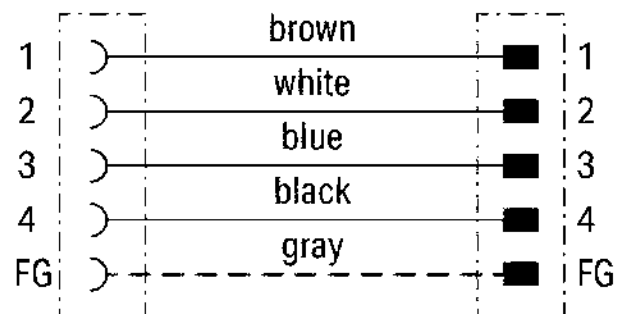
**Buchse**



**Stecker**



Pin 1 ... 4; FG: 1.5 mm<sup>2</sup>



### 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

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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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

Connection type	M12 socket - M12 plug
Pole No.	5
Cable connection direction to mating direction	0°
Cable connection direction to mating direction (2)	0°
Connector interface coding (cable/adapter) 1 1	L-coded
Cable length	0.5 m
Operating voltage	63 VDC per IEC 60664-1
Operating current	16 A
Rated surge voltage	1.5 kV per IEC 61076-2-111
Contact resistance	5 mΩ
Insulation resistance	1000 MΩ
Conductor resistance	≤13,7 Ω/km

### Mechanical data

Bending radius	Fixed: >4xØ; Flexible: >7.5xØ
Bending cycles	10 Mio.
Drag chain suitability	Yes
Sheathed cable color	Gray (~ RAL 7040)
Sheathed cable diameter	9.6 ... 10.2 mm
Type code	LiF9YH-11Y-0B 5x1.5mm <sup>2</sup>
Conductor design	Bare copper wire (84 x 0.15 mm)
Conductor insulation	PP9Y (halogen-free)
Housing material	TPU/TPU, black (~ RAL 9005)
Tightening torque	1 Nm
Weight	99 g

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## Environmental requirements

Surrounding air temperature (operation)	-40 ... 90 °C (UL max. +80 °C)
Surrounding air (operating) temperature (dynamic)	-30 ... +90 °C
Surrounding air (operating) temperature (static)	-40 ... +90 °C
Protection type	IP68
Pollution degree (5)	3 per IEC 60664-1

## Commercial data

Packaging type	not packed
Country of origin	DE
GTIN	4055143974363
Customs tariff number	8544429090

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 756-3505/050-005	URL	Download
Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 0.5 m		

## Installation Notes

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