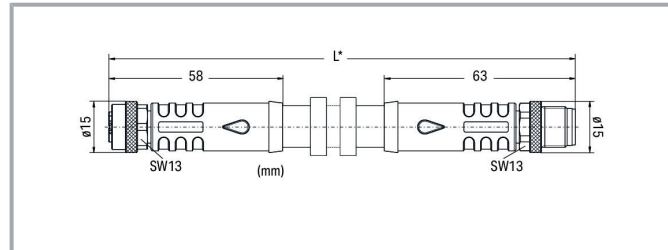
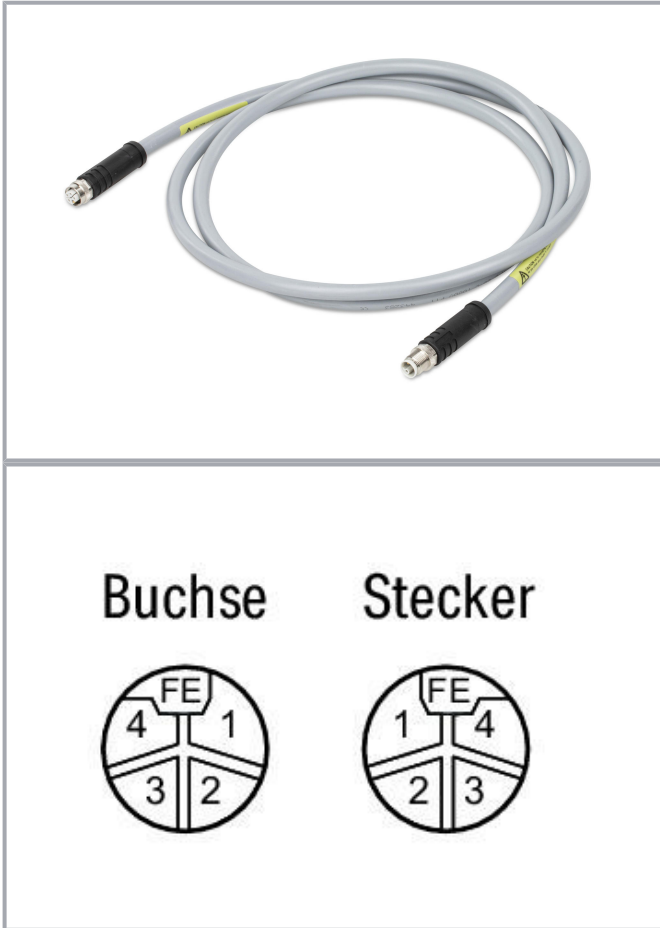


Data sheet | Item number: 756-3505/050-010

Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 1 m

www.wago.com/756-3505/050-010



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

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

WAGO GmbH & Co. KG
Hansastr. 27
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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.



- Silicon- and PVC-free
- Free from paint-wetting impairment substances
- Flexible at low temperatures

Data

Technical data

Connection type	M12 socket - M12 plug
Pole number	5
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adaptor) 1 1	L-coded
Cable length	1 m
PLC Manufacturer	WAGO
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 capability	Yes
Sheathed cable color	gray
Sheathed cable diameter	9.6 ... 10.2 mm
Type code	LiF9YH-11Y-0B 5x1.5mm ²
Conductor configuration	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	174.7 g

Environmental requirements

Ambient temperature (operation)	-40 ... +90 °C (UL max. +80 °C)
Ambient (operating) temperature (dynamic)	-30 ... +90 °C
Ambient (operating) temperature (static)	-40 ... +90 °C

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

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Protection type	IP68
Pollution degree (5)	3 per IEC 60664-1

Commercial data

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	DE
GTIN	4055143974547
Customs tariff number VKOrg Germany	85444290900

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
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Ambient temperature (operation)	-40 ... +90 °C (UL max. +80 °C)
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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	1 m
Type code	LiF9YH-11Y-0B 5x1.5mm²
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

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

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Connector

Connection type	M12 socket - M12 plug
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adaptor) 1 1	L-coded
Housing material	TPU/TPU, black (~ RAL 9005)
Tightening torque	1 Nm

Commercial data

PU (SPU)	1 Stück
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Approvals / Certificates

UL-Approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-3505/050-010	URL	Download
Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 1 m		

Installation Notes

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