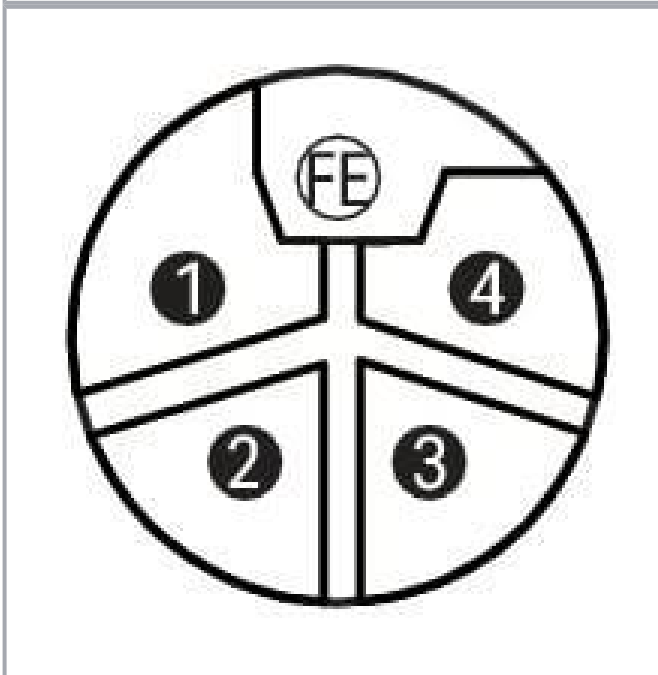
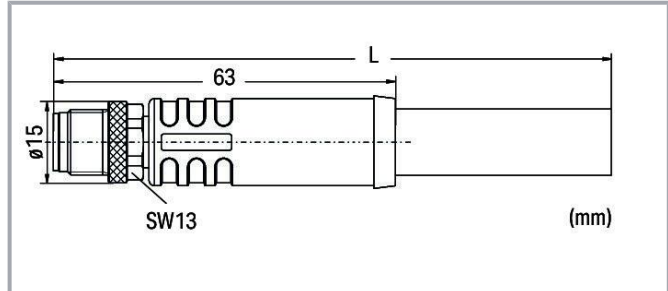


Data sheet | Item number: 756-3503/050-020

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

www.wago.com/756-3503/050-020



Pin 1 ... 4/FE: 1.5 mm²

1	■	brown
2	■	white
3	■	blue
4	■	black
ⓔ	■	gray

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

WAGO GmbH & Co. KG

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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:

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
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Type code	LiF9YH-11Y-0B 5x1.5mm ²
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	4055143982122
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

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



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-3503/050-020

URL

Download

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

Installation Notes

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