



Pin 1 ... 4/FE: 1.5 mm²

1	brown	1
2	white	2
3	blue	3
4	black	4
FE	gray	FE

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

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

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

Data

Technical data

General information

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	$\geq 10^8 \Omega$
Contact resistance	5 mΩ
Conductor resistance	$\leq 13.7 \Omega/\text{km}$
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

Drag chain compatible

Bending radius	Fixed: $> 4x\emptyset$; Flexible: $> 7.5x\emptyset$
Bending cycles	10 Mio.

Cable

Cable length	15 m
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 socket - M12 plug
Pole number	5
Cable connection direction to mating direction	90 °

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

Cable connection direction to mating direction (2)	90 °
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	4055143974615
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Technical data

PLC manufacturer	WAGO
	WAGO

Commercial data

Customs tariff number

Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

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

Environmental Product Compliance 756-3506/050-150

[URL](#)

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Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 15 m

Installation Notes

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

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