



Pin 1 ... 4/FE: 1.5 mm²

1	brown
2	white
3	blue
4	black
FE	gray

Item description

Short description:

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

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

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

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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.

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 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

Ambient air (operating) temperature in drag chain	-25 ... +60 °C
Bending radius	Fixed: $> 4x\emptyset$; Flexible: $> 7.5x\emptyset$
Bending cycles	10 Mio.

Other properties

Note	Exclusion of hazardous substances per: 200/53/EC, 2003/11/EC, (EC) No. 1907/2006, 2015/863/EU
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Cable

Cable length	7.5 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 - Free end
Pole number	5
Cable connection direction to mating direction	0 °
Connector interface coding (cable/adapter) 1 1	L-coded
Housing material	TPU/TPU, black (~ RAL 9005)
Connector	Hexagon knurled nut: CuZn; Knurled nut surface: nickel-plated; Sealing ring: FPM/FKM
Tightening torque	1 Nm

Commercial data

ETIM 8.0	EC001855
ETIM 7.0	EC003249
Recupel Type	
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143974462
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Technical data

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

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

Environmental Product Compliance 756-3501/050-075	URL	Download
Power cable; M12L socket; straight; 5-pole; Length: 7.5 m		

Installation Notes

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