

Device connector, rear mounting - SACC-DSI-M12MSL-4FE-M16XL/0,2

1415297

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Device connector, rear mounting, Power, 5-position, Plug, M12, L - Power, Rear mounting, M16 x 1.5, Individual wires, cable length: 0.2 m, 2.50 mm², TPE litz wire

Your advantages

- Pre-assembled with litz wires for immediate use
- Customer-specific assemblies and litz wire lengths available
- Sealed on the litz wire side for optimum leak-tightness
- All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- For high transmission safety: shield connection to the housing with optional EMC nut
- SPEEDCON fast locking system reduces cabling times

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Commercial Data

Item number	1415297
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	ABQEAA
Catalog Page	Page 286 (C-2-2019)
GTIN	4055626056265
Weight per Piece (including packing)	49 g
Weight per Piece (excluding packing)	22.22 g
Customs tariff number	85444290
Country of origin	DE

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Technical Data

Product properties

Product type	Circular connectors (device side)
Number of positions	5
No. of cable outlets	1
Shielded	no
Coding	B - inverse

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
	-25 °C ... 105 °C (Cable, flexible installation)
	-40 °C ... 105 °C (cable, fixed installation)

Connector

Insertion/withdrawal cycles	> 100
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Header 1

Head design	Plug
Head thread type	M12
Coding	L - Power

Electrical properties

Rated voltage in acc. with IEC 61076-2-101	63 V
Rated surge voltage	1.5 kV
Rated surge voltage	1.5 kV AC/DC
Nominal voltage U_N	63 V DC
Test voltage	1.5 kV

Material specifications

Material	PU 2K (Grout material)
Flammability rating according to UL 94	V0
Sealing material	FKM
Material of grip body	Zinc die-cast, nickel-plated
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6

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Cable gland material	Zinc die-cast, nickel-plated
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Connection data

Conductor connection

Connection method	Individual wires
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Mounting

Mounting type	Rear mounting M16 x 1.5 With flat nut
Assembly instructions	With flat nut

Standards and regulations

Flame resistance	in acc. with UL FT-2
Other resistance	Hydrolysis-resistant

M12

Standards/specifications	IEC 61076-2-101
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Cable / line

Cable length	0.2 m
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Cable structure

Cable type	TPE litz wire
Signal type/category	Power
Conductor material	Tin-plated Cu litz wires
AWG signal line	10
Material wire insulation	PE-X
Single wire, color	brown 1, white 2, blue 3, black 4, pink FE

Electrical properties

Test voltage Core/Core	6 kV
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Ambient conditions

Halogen-free	according to IEC 60754-1
Flame resistance	in acc. with UL FT-2
Other resistance	Hydrolysis-resistant
Ambient temperature (operation)	-25 °C ... 105 °C (Cable, flexible installation) -40 °C ... 105 °C (cable, fixed installation)

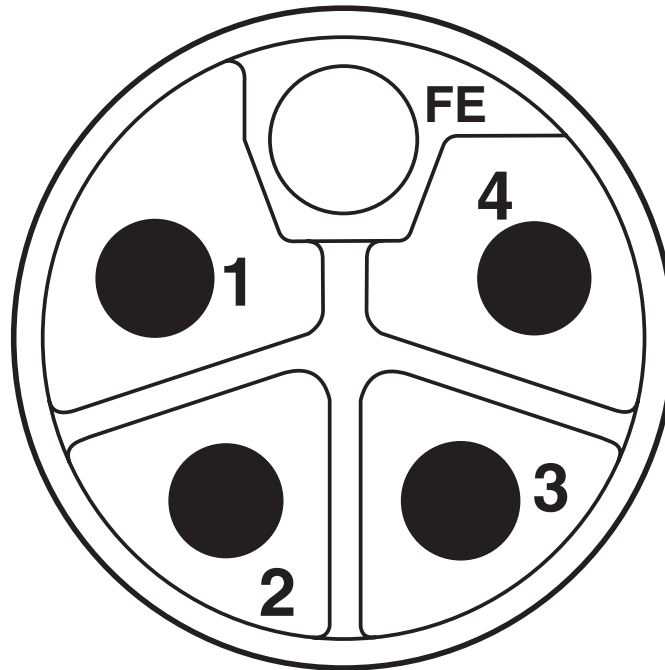
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Drawings

Schematic diagram



Pin assignment of M12 connector, 5-pos., L-coded, pin side view

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Approvals



EAC

Approval ID: B.01687



cULus Recognized

Approval ID: E468743-20180113

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	63 V	16 A	- 14	-

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Classifications

ECLASS

ECLASS-9.0	27440102
ECLASS-10.0.1	27440102
ECLASS-11.0	27440102

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com