PHŒNIX CONTACT

Flush-type connector - SACC-DSI-M12MSL-4FE-M16XL-L180 - 1415337

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Flush-type connector, Power, 5-position, Plug, straight, M12, L-coded, Rear mounting, M16 x 1.5, Solder pins

Your advantages

☑ Easy PCB assembly: one-piece connectors for wave soldering

☑ For compact devices: transmit high power in a confined space

☑ Easy-to-install, optimized XL housing contour with wrench size 19

☑ Mechanical tightening limitation for long-term-stable gasket

RoHS

Key Commercial Data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	4 055626 055787
GTIN	4055626055787
Weight per Piece (excluding packing)	18.455 g
Custom tariff number	85366990
Country of origin	Germany
Sales Key	ABQEAC

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if

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Technical data

General

	there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
	FE not connected to metal parts that can be touched, no protective function
Rated current at 40°C	16 A
Rated voltage	63 V
Rated surge voltage	1.5 kV
Number of positions	5
Coding	L - Power
Standards/regulations	M12 connector IEC 61076-2-111 In line with
Signal type/category	Power
Overvoltage category	III
Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Mounting type	Rear mounting M16 x 1.5 With flat nut
Thread type	M16 x 1.5

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FKM
Additional material specifications	PU 2K (Grout material)

Cable

Standards/specifications	M12 connector IEC 61076-2-111 In line with

Standards and Regulations

Standards/specifications	M12 connector IEC 61076-2-111 In line with
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 11.0	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27143400
eCl@ss 9.0	27440102

Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E468743-20180113
Nominal voltage UN		63 V
Nominal current IN		16 A

EAC		B.01687

Accessories

Accessories

Protective cap

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Accessories

Sealing cap - PROT-M12 FS - 1560251

M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Sealing cap - PROT-M12 FS-M - 1430488

M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field