PHŒNIX CONTACT

Flush-type connector - SACC-DSI-M12FSL4CON-M16XL-L180 - 1425593

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Flush-type connector, Power, 4-position, Socket, 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 **PROFINET®**

Key Commercial Data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	4 055626 428468
GTIN	4055626428468
Weight per Piece (excluding packing)	22.220 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
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.
Rated current at 40°C	16 A
Rated voltage	63 V
Rated surge voltage	1.5 kV
Number of positions	4
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
Mounting type	Rear mounting M16 x 1.5 With flat nut

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
Additional material specifications	PU 2K (Grout material)

Cable

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

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-111
Flammability rating according to UL 94	V0

Environmental Product Compliance

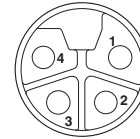|	
REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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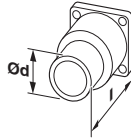
Dimensional drawing	Schematic diagram

Dimensional drawings can be found under Downloads

Pin assignment of M12 socket, 4-pos., L-coded, socket side view

Classifications

eCl@ss

eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 8.0	27440102
eCl@ss 9.0	27440102

Approvals

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cULus Recognized

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	