SACC-4FE-DSI-M12MSL/FSL-M16-GR - Control cabinet feed-through

1456298

https://www.phoenixcontact.com/gb/products/1456298

Control cabinet feed-through, Power, 5-position, Plug, straight, M12, coding: L, on Socket straight M12, L, Bipolar mounting, M16 x 1.5

Commercial data

Item number	1456298
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABQFAA
Product key	ABQFAA
GTIN	4063151846121
Weight per piece (including packing)	24.9 g
Weight per piece (excluding packing)	24 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

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

Mounting

Mounting type	Bipolar mounting M16 x 1.5

Product properties

Product type	Circular connectors (device side)
Application	Power
Sensor type	Power
Number of positions	5
Connection profile	4+FE
No. of power contacts	4
Shielded	no
Coding	L
Thread type	M12

Insulation characteristics

Degree of pollution	3

Electrical properties

Rated surge voltage	1.5 kV
Nominal voltage U_N	63 V DC
Nominal current I_N	16 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Connector

Connection 1

Head design	Plug
Head cable outlet	straight
Head thread type	M12
Coding	L

Connection 2

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Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	L

Cable/line

Signal type/category	Power

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP65/IP67/IP68
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-111

Drawings

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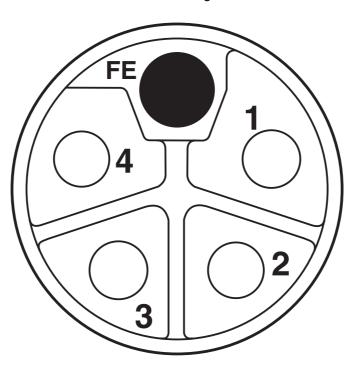
Pin assignment of M12 connector, 5-pos., L-coded, pin side view
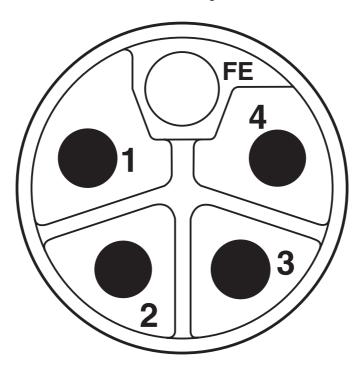
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Schematic diagram

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

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Classifications

ECLASS

ECLASS-13.0	27440109

ETIM

ETIM 9.0	EC002635

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%