

SACC-E-M12FSL-4FEPL-M25-CL - Panel feed-through



1343764

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Panel feed-through, 5-position, unshielded, Socket straight M12, coding: L, Front mounting, M25 x 1,5, Push-lock spring connection, knurl material: Brass, nickel-plated, Flat nut included

Your advantages

- Time-saving Push-Lock connection: Tool-free connection and disconnection of conductors by opening the contact levers
- Intuitive connection: Easy assignment of individual litz wires with color-coded and numerical identification of the contact levers
- Integrated Push-in Technology: Wire rigid and pretreated conductors easily by means of simple, direct insertion
- Shock- and vibration-resistant connection: Proven spring-cage technology guarantees secure and reliable contacting

Commercial data

Item number	1343764
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AF2CFP
Product key	AF2CFP
GTIN	4063151655242
Weight per piece (including packing)	96.8 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Assembly note

NOTE: Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.

Mounting

Tightening torque

5 Nm (Installation-side)

5 Nm

Product properties

Product type

Circular connectors (device side)

Application

Energy supply

Number of positions

5

No. of cable outlets

1

Coding

L

Cable outlet

straight

Insulation characteristics

Overvoltage category

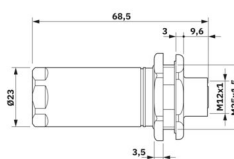
III

Degree of pollution

3

Dimensions

Dimensional drawing



Length

69 mm

Hole diameter

25.5 mm +0.1 mm

Housing

Diameter housing

23 mm

Material specifications

Material

PA 6 (Actuation lever)

Flammability rating according to UL 94

V0

Material of grip body

Brass, nickel-plated

Contact surface material

Au

Contact carrier material

PA

Material for screw connection

Brass, nickel-plated

Electrical properties

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Rated surge voltage	1.5 kV
Nominal voltage U_N	63 V DC
Nominal current I_N	16 A (when using 2.5 mm ² conductors)
	16 A (at 40 °C)

Connection data

Conductor connection

Connection method	Push-lock spring connection
Contact connection type	Socket
Connection cross section	1.5 mm ² ... 2.5 mm ²
	0.75 mm ² ... 2.5 mm ² (with ferrule)
	1.5 mm ² ... 1.5 mm ² (solid)
Connection cross section AWG	16 ... 14 (without ferrule)
	18 ... 14 (with ferrule)
Stripping length of the individual wire	10 mm
Tightening torque	5 Nm (Installation-side)
	5 Nm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Connector

Connection 1

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

Cable/line

Stripping length of the individual wire	10 mm
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
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Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

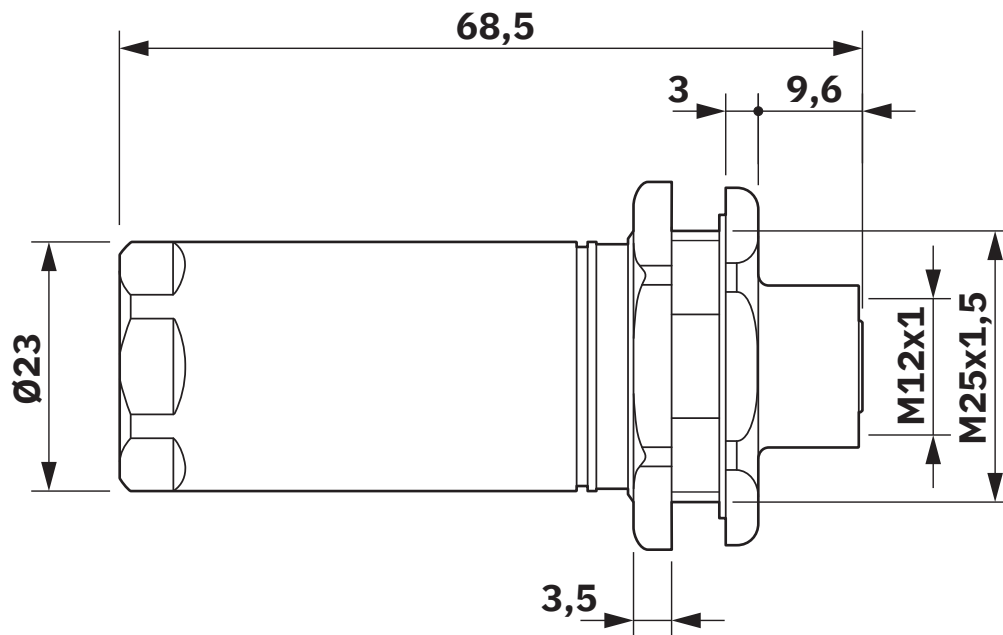
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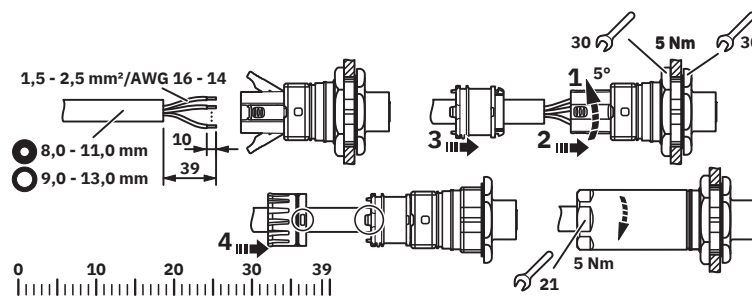
Drawings

Dimensional drawing



M12 flush-type plug

Functional drawing

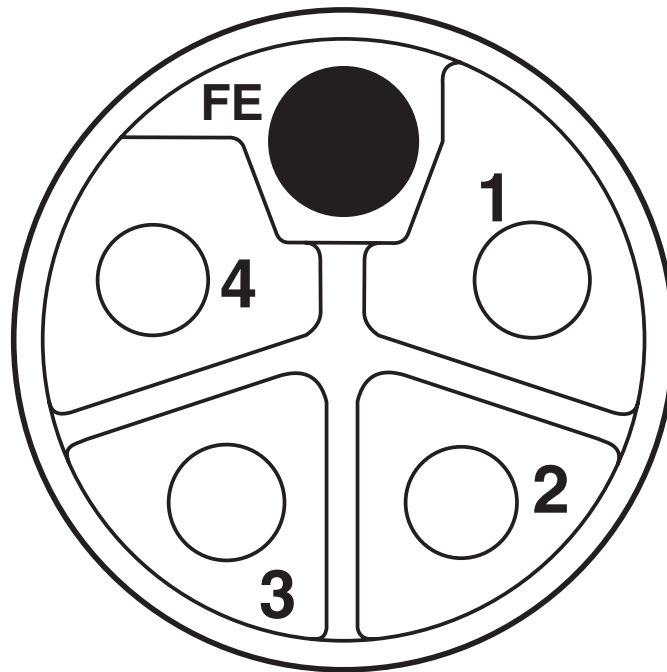


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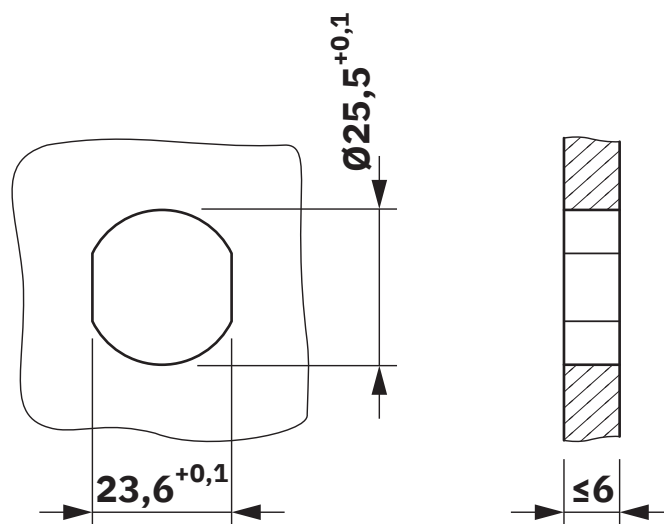
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Schematic diagram



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

Drilling plan/solder pad geometry



Housing cutout for fastening thread

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Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 9.0	EC003569
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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