

Flange - SACC-MSQ-M12MS-25-3,2 SCO



1419959

<https://www.phoenixcontact.com/us/products/1419959>

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Flange housing, 25 mm x 25 mm



Your advantages

- Convenient field assembly: device connectors for fast on-site mounting
- Contact carriers that can be freely assembled or available with pre-assembled litz wires
- Customer-specific assemblies and litz wire lengths available
- Standard pin assignments for signal and power transmission with a uniform design-in design

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Commercial Data

Item number	1419959
Packing unit	1 pc
Minimum order quantity	10 pc
Sales Key	A11
Product Key	ABQCDE
Catalog Page	Page 44 (C-2-2019)
GTIN	4046356533607
Weight per Piece (including packing)	12.7 g
Weight per Piece (excluding packing)	12 g
Customs tariff number	85389099
Country of origin	DE

Technical Data

Notes

Notes on operation	<p>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.</p>
Safety note	<p>WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.</p> <ul style="list-style-type: none"> • WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible. • WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product. • The products are suitable for applications in plant, controller, and electrical device engineering. • When operating the connectors in outdoor applications, they must be separately protected against environmental influences. • Assembled products may not be manipulated or improperly opened. • Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products). • When using the product in direct connection with third-party manufacturers, the user is responsible. • For operating voltages > 50 V AC, conductive connector housings must be grounded • Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards. • Observe the corresponding technical data. You will find information: <ul style="list-style-type: none"> o On the product o On the packing label o In the supplied documentation o Online at phoenixcontact.com/products under the product • Only use tools recommended by Phoenix Contact • Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products • Ensure that the protective or functional ground has been properly connected.

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- VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector
- The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).

Product properties

Product type	Panel mounting base
Shielded	no

Electrical properties

Rated surge voltage	2.5 kV
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Material specifications

Sealing material	NBR
Cable gland material	Zinc die-cast, nickel-plated

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

M12

Standards/specifications	IEC 61076-2-101
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Mounting

Mounting type	Front mounting, square flange 25 mm side length Square flange
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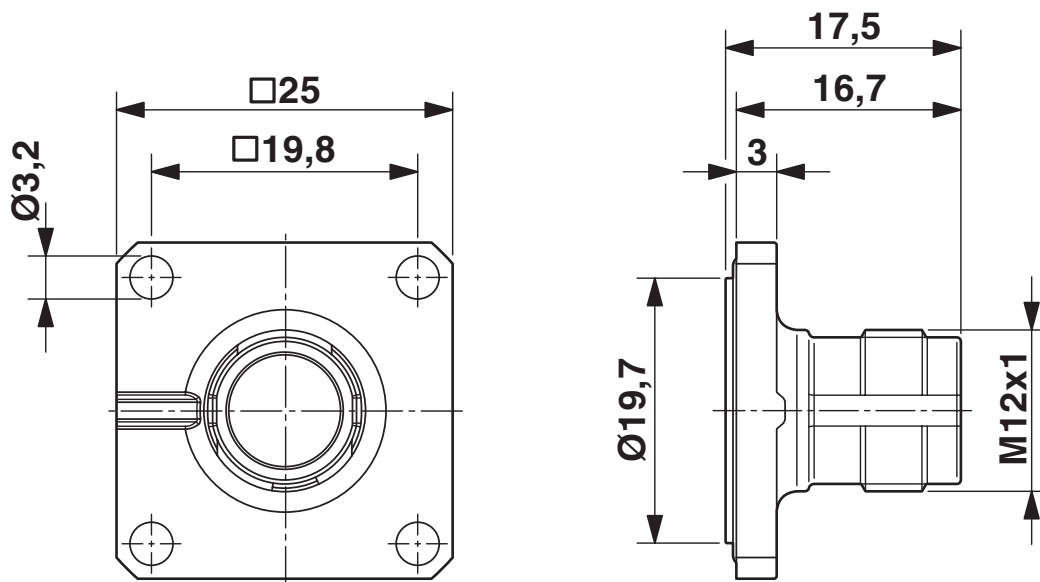
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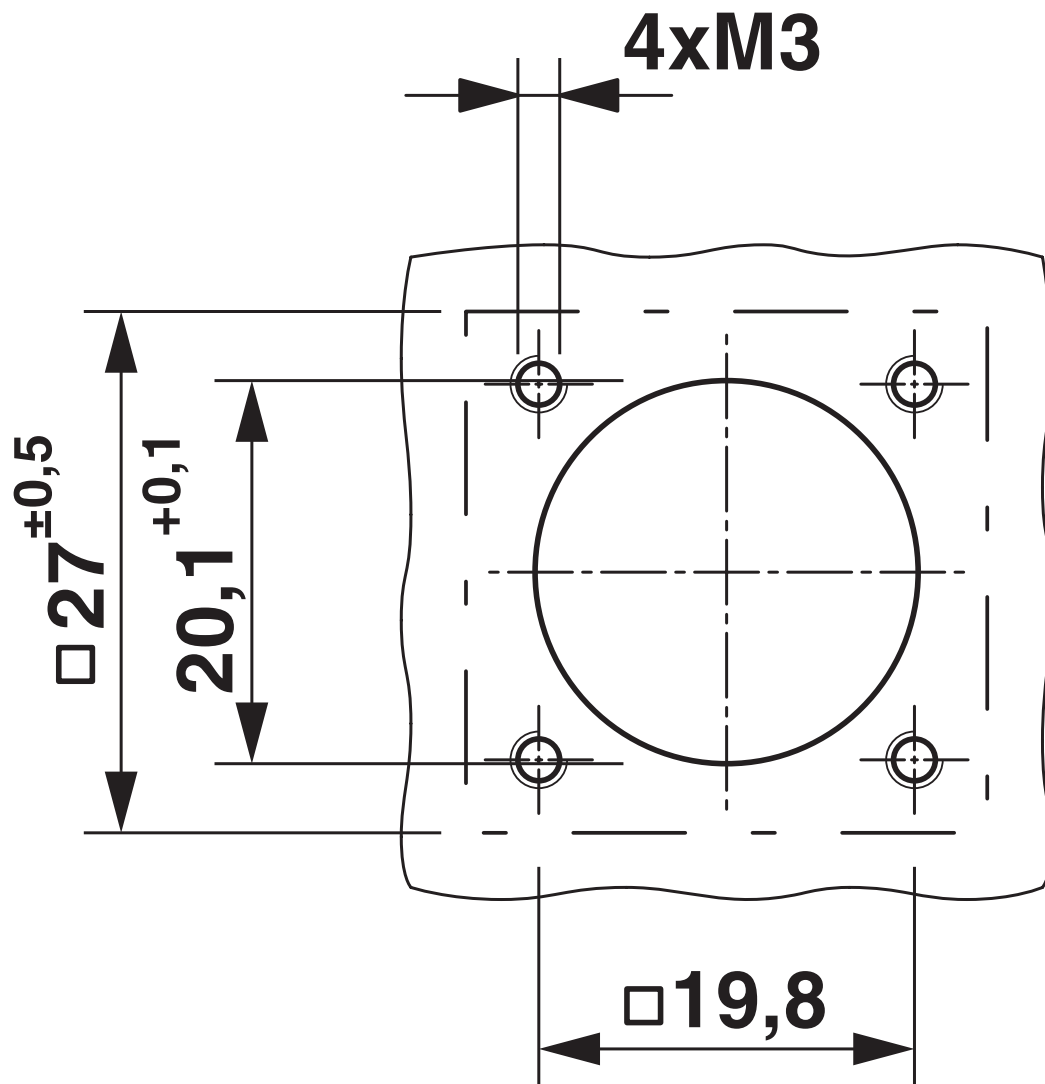
Drawings

Dimensional drawing



M12 flush-type plug, square flange

Dimensional drawing



Installation dimensions

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Approvals



EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-10.0.1	27440102
ECLASS-9.0	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

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Contact carriers

Contact carriers - SACC-MCI-M12MS-4CON/0,5 - 1440805

<https://www.phoenixcontact.com/us/products/1440805>



Assembled contact carrier and insulating body with 0.5 m litz wires and crimp contacts

Contact carriers

Contact carriers - SACC-MCI-M12MSD-4CON/0,5 - 1440821

<https://www.phoenixcontact.com/us/products/1440821>



Assembled contact carrier and insulating body with 0.5 m litz wires and crimp contacts

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Contact carriers

Contact carriers - SACC-MCI-M12MS-5CON/0,5 - 1440818

<https://www.phoenixcontact.com/us/products/1440818>



Assembled contact carrier and insulating body with 0.5 m litz wires and crimp contacts

Contact carriers

Contact carriers - SACC-MCI-M12MSB-5CON/0,5 - 1440759

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Assembled contact carrier and insulating body with 0.5 m litz wires and crimp contacts

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Contact carriers

Contact carriers - SACC-MCI-M12MS-8CON/0,5 - 1457827

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Assembled contact carrier and insulating body with 0.5 m litz wires and crimp contacts

Contact carriers

Contact carriers - SACC-MCI-M12MS-4CON - 1440931

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4-pos. contact carrier, with splice ring, A-coded

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Contact carriers

Contact carriers - SACC-MCI-M12MSD-4CON - 1440944

<https://www.phoenixcontact.com/us/products/1440944>



4-pos. contact carrier, with splice ring, D-coded

Contact carriers

Contact carriers - SACC-MCI-M12MS-5CON - 1419988

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5-pos. contact carrier, with splice ring, A-coded

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Contact carriers

Contact carriers - SACC-MCI-M12MSB-5CON - 1440915

<https://www.phoenixcontact.com/us/products/1440915>



5-pos. contact carrier, with splice ring, B-coded

Contact carriers

Contact carriers - SACC-MCI-M12MS-8CON - 1440928

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8-pos. contact carrier, with splice ring, A-coded

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