SACC-BP-F-M12/THR-3,1/3,9-9TIP - Housing screw connection

PHŒNIX CONTACT

1419634

https://www.phoenixcontact.com/in/products/1419634

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M12 threaded sleeve with tolerance-compensating function, for straight, THR solderable M12 socket contact inserts. Suitable for 3.1 mm ... 3.9 mm thick front plates.

Your advantages

- Tolerance-compensating function between PCB and housing
- Prevents force being applied to soldering spots
- Easy integration thanks to tool-free mounting
- Optional port sealing without protective cap

Commercial data

Item number	1419634
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	ABQ
Product key	ABQADG
GTIN	4055626189611
Weight per piece (including packing)	8.23 g
Weight per piece (excluding packing)	8.23 g
Customs tariff number	79070000
Country of origin	DE

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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 pollution, the connector must be sealed using a protective cap > IP54. The M12 housing screw connection can only be used in conjunction with mating connectors and protective caps with M12 standard thread. Mating connectors with SPEEDCON thread cannot be used.

Product properties

Product type	Panel mounting base
Thread type	M12

Connection data

Connection method	THR solder connection

Material specifications

Material	Die-cast zinc, nickel-plated (Threaded sleeve)
Flammability rating according to UL 94	V0
Seal material	FKM

Connector

Connection 1

Head design	Socket
Head thread type	M12

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP67 (correctly plugged in and locked)
Degree of protection	IP67 (correctly plugged in and locked)
	IP67, when in locked state
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

M12

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

Mounting

Mounting type	Rear mounting 2-section, lockable
Assembly note	2-section, lockable

Classifications

ECLASS

ECLASS-11.0	27440224
ECLASS-12.0	27440224
ECLASS-13.0	27440224

ETIM

ETIM 9.0	EC003556

UNSPSC

UNSPSC 21.0	39121400

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%

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Accessories

SACC-BP-F-FIX/NUT-BL-THR - Fixing sleeve

1417782

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.

SACC-BP-F-FIX/NUT-CY-THR - Fixing sleeve

1417783

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.

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SACC-BP-F-FIX/NUT-RD-THR - Fixing sleeve

1417784

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.

SACC-BP-F-FIX/NUT-YE-THR - Fixing sleeve

1417785

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.

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SACC-BP-F-FIX/NUT-GN-THR - Fixing sleeve

1417787

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.

SACC-BP-F-FIX/NUT-VT-THR - Fixing sleeve

1417788

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.

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SACC-BP-F-FIX/NUT-OR-THR - Fixing sleeve

1417789

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.

SACC-BP-F-FIX/NUT-BK-THR - Fixing sleeve

1419697

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.