

# SACC-BP-F-M12/M16-6-SMD PPI - Housing screw connection



1454492

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Housing screw connection, Socket, M12-Push-Pull, Rear mounting, SMD



## Your advantages

- Plug and Produce: quick and reliable connection even in confined spaces
- Easy design-in: countersunk M12 ports for compact device concepts
- Highly future-proof: standardized product range for worldwide availability
- Greater flexibility: one M12 device connection for screw and push-pull connectors

## Commercial data

Item number	1454492
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQBBF
GTIN	4063151844202
Weight per piece (including packing)	13.605 g
Weight per piece (excluding packing)	13.605 g
Customs tariff number	74198090
Country of origin	DE

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## Technical data

### Notes

General	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.
General	Lock nut is included in the scope of delivery

### Product properties

Product type	Panel mounting base
Thread type	M12

### Connection data

Connection method	SMD
Tightening torque	1.5 ... 2 Nm

### Material specifications

Material	Brass, nickel-plated
Seal material	FKM FKM
Material for screw connection	Brass, nickel-plated

### Connector

#### Connection 1

Head design	Socket
Head thread type	M12
Head locking type	Push-Pull

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	> 100
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection (when plugged in)	IP65/IP67 (correctly plugged in and locked)
Degree of protection	IP65/IP67 (correctly plugged in and locked) IP67, when in locked state IP65, when in locked state
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket) -40 °C ... 85 °C (without mechanical actuation)

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## Standards and regulations

### M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-010
Note	In line with

## Mounting

Mounting type	Rear mounting Spacing between the top edge of the PCB and the back of the front plate: 6 mm
Assembly instructions	Spacing between the top edge of the PCB and the back of the front plate: 6 mm

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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC003556
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## Accessories

### SACC-M16-NUT - Flat nut

1312511

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Flat nut, M16



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