

1412080

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Housing screw connection, Pin, M12, Front mounting

Your advantages

- · Reduced mounting costs thanks to two-piece device connector
- · Easy device integration, thanks to mechanical port screw connections with press-in contour
- Efficient PCB assembly: two-piece connectors for SMT soldering

Commercial data

Item number	1412080
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQBCD
GTIN	4046356992985
Weight per piece (including packing)	7.58 g
Weight per piece (excluding packing)	7.58 g
Customs tariff number	74153300
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.

Product properties

Product type	Panel mounting base
Thread type	M12

Material specifications

Material	Brass, nickel-plated
Material for screw connection	Brass, nickel-plated

Connector

Connection 1

Head design	Pin
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)

Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101
Note	In line with

Mounting

Mounting type	Front mounting Press-in mounting
Assembly instructions	Press-in mounting



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Classifications

UNSPSC 21.0

ECLASS

252.60		
	ECLASS-11.0	27440224
	ECLASS-12.0	27440224
	ECLASS-13.0	27440224
ETIM		
	ETIM 9.0	EC003556
UNSPSC		

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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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Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com