

1249211

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Housing screw connection, Socket, M12-Push-pull internal locking, Front mounting, M14 \times 1, THR solder connection, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Your advantages

- · Easy device integration, thanks to mechanical port screw connections with threaded fastening
- · Flexible PCB assembly: two-piece connectors for wave and THR soldering

Commercial data

Item number	1249211
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQAAI
GTIN	4063151354213
Weight per piece (including packing)	10.57 g
Weight per piece (excluding packing)	10.57 g
Customs tariff number	74198090
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 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.
Order information:	If necessary, order locking nut separately

Product properties

Product type	Panel mounting base
Thread type	M12
Data management status	

Connection data

Connection method	THR solder connection
Tightening torque	2 3 Nm

Material specifications

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 internal locking

Cable/line

Ambient temperature (operation)	-40 °C 85 °C (cable, fixed installation)
	-25 °C 85 °C (Cable, flexible installation)

Mechanical properties

1100	hanica	1 40+0
MEC	Hariica	i uata

Insertion/withdrawal cycles	> 100
macrition/withdrawar cycles	× 100

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP67 (correctly plugged in and locked)
	IP67 (correctly plugged in and locked)



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Mounting

Mounting type

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Degree of protection	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)	
	-25 °C 85 °C (Cable, flexible installation)	
	-40 °C 85 °C (cable, fixed installation)	
Standards and regulations		
Standard designation	M12 connector	
Standards/specifications	JEC 04070 2 040	
Standards/specifications	IEC 61076-2-010	

Front mounting M14 x 1



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Classifications

ECLASS

	ECLASS-11.0	27440224		
	ECLASS-12.0	27440224		
	ECLASS-13.0	27440224		
ETIM				
	ETIM 9.0	EC003556		
UNSPSC				
	UNSPSC 21.0	39121400		



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Environmental product compliance

EU RoHS

20 1.01.0	
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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