

1419571

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Housing screw connection, Socket, M12-Screw locking mechanism, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

# 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	1419571
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQBDG
GTIN	4055626207063
Weight per piece (including packing)	7.6 g
Weight per piece (excluding packing)	7.131 g
Customs tariff number	74198090
Country of origin	DE



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# Technical data

#### Notes

# Product properties

Product type	Circular connector housing
Thread type	M12

## 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
Head locking type	Screw locking mechanism

# 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)
Ambient temperature (operation) (male connector/female	-25 °C 85 °C (Plug / socket)
connector)	-40 °C 85 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)

# Standards and regulations

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

## Mounting

Mounting type	Rear mounting
Assembly note	2-section, lockable



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# Classifications

## **ECLASS**

	ECLASS-13.0	27440224
	ECLASS-15.0	27440224
ETIM		
	ETIM 9.0	EC003556
U	NSPSC	
	UNSPSC 21.0	31171600



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# Environmental product compliance

#### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	c6efcd2b-0ff8-44b3-bf71-686dfeec12a0

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