

# BC-05S2NU2HH00 - Device connector rear mounting



1590141

<https://www.phoenixcontact.com/us/products/1590141>

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Device connector rear mounting, 5-position, Socket, M12, A-coding, Solder connection, series: BC, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Commercial data

Item number	1590141
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AC10
Product key	ABQEQA
GTIN	4046356185745
Weight per piece (including packing)	18.548 g
Weight per piece (excluding packing)	17.899 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Order information:	Lock nut is included in the scope of delivery
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### Mounting

Mounting type	Rear mounting
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### Product properties

Product type	Circular connectors (device side)
Series	BC
Number of positions	5
Thread type	M12

### Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Contact carrier	PBT
Material Contact	CuZn
Material Contact surface	Au
Flammability rating according to UL 94	V0

### Connection data

#### Conductor connection

Connection method	Solder connection
Contact connection type	Socket

### Connector

#### Connection 1

Head design	Socket
Head thread type	M12
Coding	A

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67
UL Type Rating	Type 4 (indoor use only)

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## Classifications

### ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

### ETIM

ETIM 10.0	EC003568
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### UNSPSC

UNSPSC 21.0	39121400
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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	3e7c3495-62a6-497d-818a-fdf441e531ad

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