BC-05S2NU2HH00 - Device connector rear mounting

1590141

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Device connector rear mounting, 5-position, Socket, M12, A-coding, Solder connection, series: BC, this item is expected to be lead-free from Q3 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

Technical data

Notes

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

Mounting

Mounting type	Rear mounting

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)

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 10.0	EC003568

UNSPSC

UNSPSC 21.0	39121400

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

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

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