

1424242

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Device connector rear mounting, 5-position, Pin, straight, M8, coding: B, Rear mounting, M8 x 1, Wave soldering

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- For high transmission reliability: optional shield connection to the housing and latching on the PCB

Commercial data

Item number	1424242	
Packing unit	20 pc	
Minimum order quantity	20 pc	
Sales key	ABQJAA	
Product key	ABQJAA	
Catalog page	Page 229 (C-2-2013)	
GTIN	4046356712545	
Weight per piece (including packing)	6.365 g	
Weight per piece (excluding packing)	6.17 g	
Customs tariff number	85366990	
Country of origin	DE	



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Technical data

Mounting

Mounting type	Rear mounting M8 x 1 With flat nut	
Assembly note	With flat nut	

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	yes
Coding	В
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	НВ
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	30 V AC
	30 V DC
Nominal current I _N	3 A

Connection data

Conductor connection

Connection method	Wave soldering	
Contact connection type	Pin	

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M8
Coding	В



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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C 85 °C
	-25 °C 85 °C

Standards and regulations

Standard designation	M8 circular connector	
Standards/specifications	according to IEC 61076-2-104	

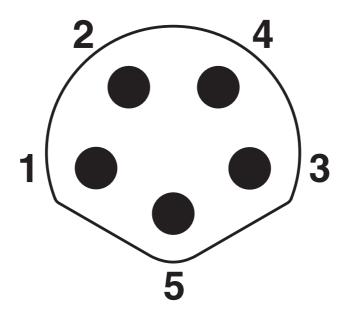


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Drawings

Schematic diagram



Pin assignment M8 plug, 5-pos., B-coded, view plug side



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1424242

CUL Recognized Approval ID: E221474-20070307					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		30 V	4 A	24	-

UL Recognized Approval ID: E221474-20070307					
		Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
		30 V	4 A	24	-



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Classifications

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_`	2.65				
	ECLASS-13.0	27440110			
ETIM					
	ETIM 9.0	EC003569			
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	bac2621c-3cb0-4334-97b9-671fbd442fed

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