

1424240

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Device connector rear mounting, 5-position, Pin, angled, 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	1424240	
Packing unit	20 pc	
Minimum order quantity	20 pc	
Sales key	ABQJAA	
Product key	ABQJAA	
Catalog page	Page 228 (C-2-2013)	
GTIN	4046356712521	
Weight per piece (including packing)	6.885 g	
Weight per piece (excluding packing)	6.79 g	
Customs tariff number	85366990	
Country of origin	DE	



1424240

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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 <sub>N</sub>	30 V AC
	30 V DC
Nominal current I <sub>N</sub>	3 A

#### Connection data

#### Conductor connection

Connection method	Wave soldering	
Contact connection type	Pin	

### Connector

#### Connection 1

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



1424240

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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	

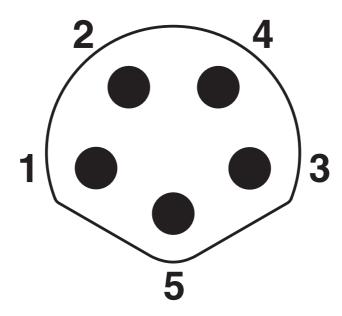


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## Drawings

### Schematic diagram



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



1424240

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## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1424240

CUL Recognized Approval ID: E221474-20070307					
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		30 V	4 A	24	-

UL Recognized Approval ID: E221474-20070307					
		Nominal voltage $U_N$	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		30 V	4 A	24	-



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### Classifications

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	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	e9e3b101-7059-4627-b592-bf246de8dfc5		

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PHOENIX CONTACT Ltd Halesfield 13, Telford Shropshire, TF7 4PG 01952 681700 info@phoenixcontact.co.uk