

1694224

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Device connector rear mounting, 5-position, Pin, angled, M12, A-coding, Wave soldering





### Commercial data

Item number	1694224
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQEGI
GTIN	4017918177508
Weight per piece (including packing)	12.03 g
Weight per piece (excluding packing)	11.64 g
Customs tariff number	85366990
Country of origin	DE



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### Technical data

### Mounting

Mounting type	Rear mounting (M12 x 1, with locking nut)				
Product properties					
Product type	Circular connectors (device side)				
Number of positions	5				
Shielded	no				
Coding	A				
Thread type	M12				
Insulation characteristics					
Overvoltage category	II				
Degree of pollution	3				

### Material specifications

Flammability rating according to UL 94	НВ
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

### Electrical properties

Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	60 V
Nominal current I <sub>N</sub>	4 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	M12
Coding	A



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#### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C 85 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

### Standards and regulations

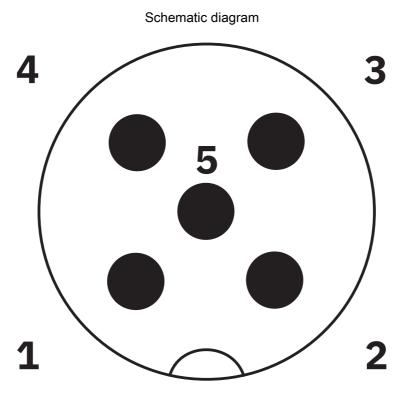
Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101



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## Drawings



Pin assignment M12 male connector, 5-pos., A-coded, male side



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## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1694224

. <b>9</b> 1	cUL Recognized Approval ID: FILE E 221	474			
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
keine					
		60 V	4 A	-	-

<b>71</b>	Approval ID: FILE E 221474				
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
keine					
		60 V	4 A	-	-

<i>71</i> 2	UL 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>
keine					
		60 V	4 A	-	-

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>
keine				
	60 V	4 A	-	-



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### Classifications

#### **ECLASS**

ECLASS-13.0	27440110
ECLASS-15.0	27440110

#### **ETIM**

ETIM 9.0	EC003568	

#### **UNSPSC**

UNSPSC 21.0	39121400



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## Environmental product compliance

#### EU RoHS

LOTONO	
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	56fb8f13-4363-4a90-bfec-025ff82832b5

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