

1409463

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Device connector rear mounting, 5-position, Socket, straight, M12, coding: A, Rear mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0. 1 %) item no.: 1238818

### Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- · All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design

#### Commercial data

Item number	1409463	
Packing unit	20 pc	
Minimum order quantity	20 pc	
Sales key	AB26	
Product key	ABQEHL	
GTIN	4046356893558	
Weight per piece (including packing)	14.746 g	
Weight per piece (excluding packing)	14.495 g	
Customs tariff number	85366990	
Country of origin	DE	



1409463

https://www.phoenixcontact.com/us/products/1409463

### Technical data

#### Notes

Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Order information:	Lock nut is included in the scope of delivery

#### Mounting

Mounting type	Rear mounting
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### Product properties

Product type	Circular connectors (device side)	
Number of positions	5	
Shielded	no	
Coding	A	
Thread type	M12	

### Data management status

Article revision	09
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#### Insulation characteristics

Overvoltage category	II	
Degree of pollution	3	

#### Material specifications

Flammability rating according to UL 94	\/O

### Electrical properties

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	Socket
Tightening torque	2 Nm 3 Nm

#### Connector

#### Connection 1

Head design	Socket	



1409463

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Standards/specifications

Head cable outlet	straight		
Head thread type	M12		
Coding	A		
Environmental and real-life conditions  Ambient conditions			
Degree of protection	IP65/IP67		
Standards and regulations  M12			
IVI I Z			
Standard designation	M12 connector		

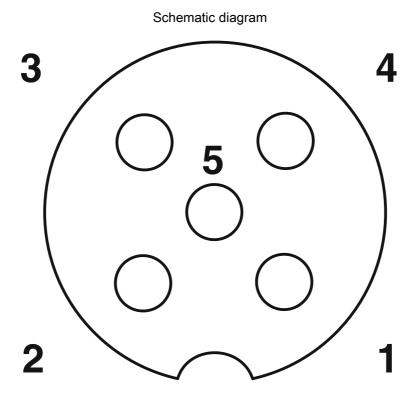
IEC 61076-2-101



1409463

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## Drawings



Pin assignment M12 socket, 5-pos., A-coded, socket side view



1409463

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### Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1409463

.71	<b>cUL Recognized</b> Approval ID: E118976-20100522			
	Nominal voltage $\mathbf{U}_{N}$	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
	60 V	4 A	22 - 22	-

<b>71</b>	UL Recognized Approval ID: E118976-20100522				
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		60 V	4 A	22 - 22	-

c <b>911</b> us	cULus Recognized Approval ID: E221474-20140616				
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		60 V	4 A	-	-

el II us	Recognized
COLUS	Necognized



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### Classifications

UNSPSC 21.0

#### **ECLASS**

27440102			
27440116			
27440116			
ETIM			
EC002635			
UNSPSC			

39121400



1409463

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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	af2d1e1b-3f9d-474b-837c-b1013f6b8e8d	

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