

1557549

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Device connector rear mounting, 8-position, Socket, straight, M12-SPEEDCON, coding: A, Rear mounting, M12 x 1, THR solder connection, this item is undergoing a smooth changeover, lead-free alternative in accordance with RoHS II without exception 6c (Pb < 0.1%) possible on request in advance

## Commercial data

Item number	1557549	
Packing unit	60 pc	
Minimum order quantity	60 pc	
Sales key	ABQAIA	
Product key	ABQAIA	
Catalog page	Page 90 (C-2-2013)	
GTIN	4046356284066	
Weight per piece (including packing)	11.73 g	
Weight per piece (excluding packing)	9.382 g	
Customs tariff number	85366990	
Country of origin	DE	



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## Technical data

#### Notes

Мс	punting	
	Mounting type	Rear mounting M12 x 1 With flat nut
	Assembly note	With flat nut

Lock nut is included in the scope of delivery

## Product properties

Order information:

Product type	Circular connectors (device side)	
Number of positions	8	
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	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>	60 V
Nominal current I <sub>N</sub>	4 A

#### Connection data

#### Conductor connection

Connection method	THR solder connection	
Contact connection type	Socket	

### Connector

### Connection 1

Head design	Socket



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Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

#### Environmental and real-life conditions

#### Ambient conditions

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

## Standards and regulations

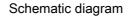
Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

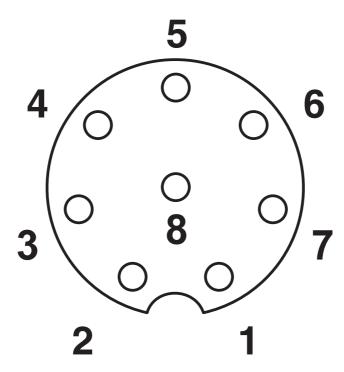


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# Drawings





Pin assignment M12 socket, 8-pos., A-coded, view female side



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# Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1557549

<i>9</i> 7	UL Recognized Approval ID: E118976-20	0100522			
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		30 V	2 A	24	-



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## Classifications

<b>ECL</b>	_ASS
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	ECLASS-13.0	27440110	
ETIM			
	ETIM 9.0	EC003569	
U	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	b8f96236-fb98-4fba-8e8e-ad9d5ad26a7d

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