

1439997

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Device connector rear mounting, 4-position, Socket, straight, M12-SPEEDCON, coding: A, Rear mounting, M12 x 1, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239700

#### Commercial data

Item number	1439997
Packing unit	60 pc
Minimum order quantity	60 pc
Product key	ABQAIA
Catalog page	Page 32 (PC-2009)
GTIN	4046356476652
Weight per piece (including packing)	10.7 g
Weight per piece (excluding packing)	10.7 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 no		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	4	
Shielded	no	
Coding	A	
Thread type	M12	
Data management status		
Article revision	09	
Insulation characteristics		

II 3

### Degree of pollution Material specifications

Overvoltage category

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



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#### Connection 1

Head design	Socket
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

#### M12

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

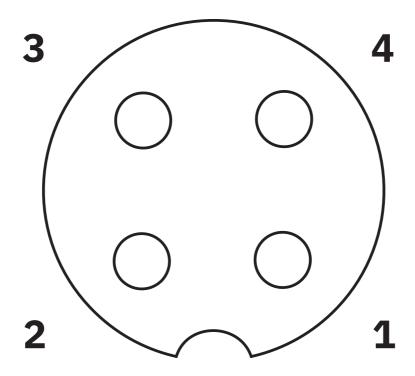


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#### Drawings

#### Schematic diagram



Pin assignment M12 socket, 4-pos., A-coded, view female side



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#### Approvals

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UL Recognized Approval ID: E118976		0100522			
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		250 V	4 A	22 - 22	-



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#### Classifications

#### **ECLASS**

UNSPSC 21.0

202.00				
	ECLASS-11.0	27440102		
	ECLASS-12.0	27440116		
	ECLASS-13.0	27440116		
ETIM				
	ETIM 9.0	EC002635		
U	NSPSC			

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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	896a4ba7-835a-4f82-9141-91403e8dcdda

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