

1438037

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Device connector rear mounting, 5-position, Pin, angled, M12-SPEEDCON, coding: A, Rear mounting, M12 x 1, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239690

Commercial data

Item number	1438037	
Packing unit	10 pc	
Minimum order quantity	10 pc	
Sales key	AB26	
Product key	ABQEGA	
Catalog page	Page 189 (C-2-2013)	
GTIN	4046356457514	
Weight per piece (including packing)	12.81 g	
Weight per piece (excluding packing)	12.2 g	
Customs tariff number	85366990	
Country of origin	DE	



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Technical data

Notes

Мо	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	5	
Shielded	yes	
Coding	A	
Thread type	M12	

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Ni/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 _N	60 V
Nominal current I _N	4 A

Connection data

Conductor connection

Connection method	Solder pins
Contact connection type	Pin

Connector

Connection 1

Connection		
Head design	Pin	



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Head cable outlet	angled
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)	-40 °C 85 °C (Plug / socket)	

Standards and regulations

M12

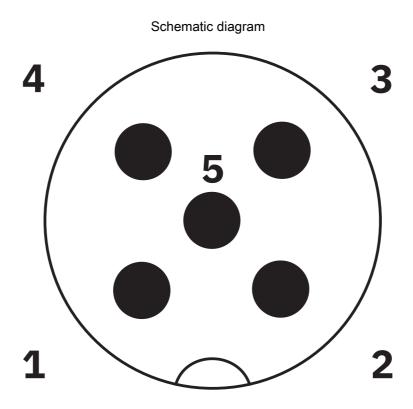
	Standard designation	M12 connector
	Standards/specifications	IEC 61076-2-101



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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/1438037

UL Recognized Approval ID: E118976-20100522					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		60 V	4 A	22 - 22	-



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Classifications

UNSPSC 21.0

ECLASS

202.00			
	ECLASS-11.0	27440102	
	ECLASS-12.0	27440116	
	ECLASS-13.0	27440116	
ETIM			
	ETIM 9.0	EC002635	
UNSPSC			
ETIM 9.0 EC002635			
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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	088a9d62-9be1-4326-974d-682bf931b685

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