

1437012

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Device connector rear mounting, 8-position, Pin, angled, M12-SPEEDCON, coding: A, Rear mounting, M12 x 1, Solder pins, 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	1437012	
Packing unit	10 pc	
Minimum order quantity	1 pc	
Sales key	AB26	
Product key	ABQEGA	
Catalog page	Page 30 (PC-2009)	
GTIN	4046356438582	
Weight per piece (including packing)	12.8 g	
Weight per piece (excluding packing)	9.41 g	
Customs tariff number	85366990	
Country of origin	DE	



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### Technical data

Notes
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Order information:	Lock nut is included in the scope of delivery

#### Mounting

Mounting type	Rear mounting M12 x 1

#### Product properties

Draduat type	Circular connectors (device side)			
Product type	Circular connectors (device side)			
Number of positions	8			
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	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>	30 V
Nominal current I <sub>N</sub>	2 A

### Connection data

#### Conductor connection

Connection method	Solder pins
Contact connection type	Pin

#### Connector

#### Connection 1

Head design	Pin	
Head cable outlet	angled	



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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)	

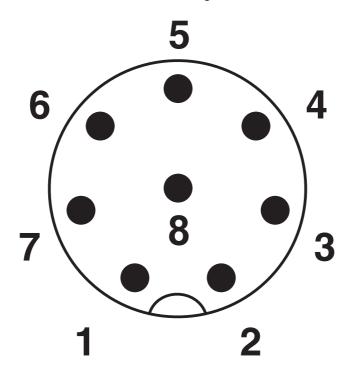


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### Drawings

### Schematic diagram



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



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### Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1437012

<b>7.</b>	UL Recognized Approval ID: E118976-20100522				
		Nominal voltage $U_N$	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

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	ECLASS-13.0	27440110		
ETIM				
	ETIM 9.0	EC003568		
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	328cb693-aa04-4aef-aaf1-bdee1c058b3c

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