

1436961

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Device connector rear mounting, 8-position, Pin, angled, M12-SPEEDCON, A-coding, Solder pins, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1436961
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEGI
GTIN	4046356438537
Weight per piece (including packing)	12.8 g
Weight per piece (excluding packing)	9.33 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Notes

	Order information:	Lock nut is included in the scope of delivery
М	punting	
	Mounting type	Rear mounting (M12 x 1, with flat nut)

Product properties

Product type	Circular connectors (device side)
Number of positions	8
Shielded	no
Coding	A
Thread type	M12
Insulation characteristics	
Overvoltage category	II 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 _N	30 V
Nominal current I _N	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

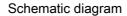
Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C 85 °C (Plug / socket)

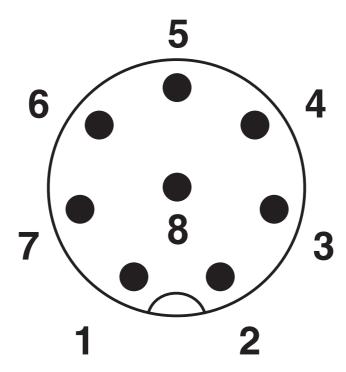


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Drawings





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/1436961

71	UL Recognized Approval ID: E118976-20100522					
		Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²	
		30 V	2 A	24	-	



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Classifications

UNSPSC 21.0

ECLASS

	ECLASS-13.0	27440110
	ECLASS-15.0	27440110
ET	TIM	
	ETIM 9.0	EC003568
UN	ISPSC	

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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	59483e04-13f6-4793-a71b-c5c167ce038b

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