

1436974

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Device connector rear mounting, 8-position, Socket, angled, M12-SPEEDCON, A-coding, THR and wave soldering, 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	1436974	
Packing unit	10 pc	
Minimum order quantity	1 pc	
Sales key	AB26	
Product key	ABQEHI	
GTIN	4046356438544	
Weight per piece (including packing)	13.95 g	
Weight per piece (excluding packing)	10.724 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
Mounting	

Mo

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		

Material specifications

Degree of pollution

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	Cu alloy
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	НВ

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	THR and wave soldering
Contact connection type	Socket

Connector

Connection 1

Connection	
Head design	Socket



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

Standards and regulations

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

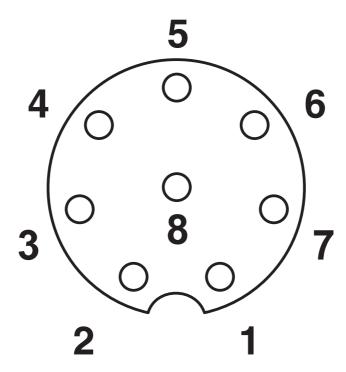


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Drawings





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/us/products/1436974

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



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Classifications

ECLASS

	ECLASS-13.0	27440110	
	ECLASS-15.0	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	ee2f417d-766e-4ae0-9e01-8f917938d6f4

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