

1437012

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Device connector rear mounting, 8-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.: 1239642

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)	12.32 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Notes

Мо

Order Information:	Lock nut is included in the scope of delivery
ounting	
Mounting type	Rear mounting M12 x 1

Product properties

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		

Article revision Material specifications

Data management status

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

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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



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Connection 1

Head design	Pin
Head cable outlet	angled
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

Environmental and real-life conditions

Ambient conditions

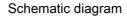
Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)

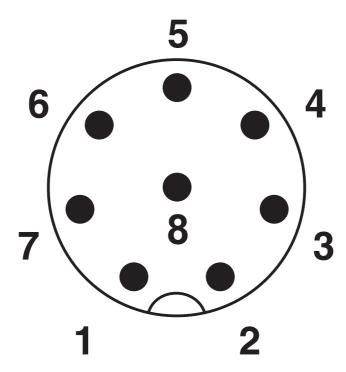


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Drawings





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/1437012

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 - 24	-



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Classifications

	ECLASS-13.0	27440109	
E	ГІМ		
	ETIM 9.0	EC002635	
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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