

1437025

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Device connector front mounting, 8-position, Socket, angled, M12-SPEEDCON, coding: A, Front mounting, M12 x 1, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239643

Commercial data

Item number	1437025		
Packing unit	10 pc		
Minimum order quantity	10 pc		
Sales key	AB26		
Product key	ABQEHA		
Catalog page	Page 30 (PC-2009)		
GTIN	4046356438599		
Weight per piece (including packing)	14.119 g		
Weight per piece (excluding packing)	13.25 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	
ounting		

Мо

Mounting type	Front 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

Material specifications

Flammability rating according to UL 94	НВ
Seal material	NBR
Contact material	Cu alloy
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	60 V
Nominal current I _N	4 A

Connection data

Conductor connection

Connection method	Solder pins
Contact connection type	Socket

Connector

Connection 1

Head design	Socket	
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)	

Standards and regulations

M12

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

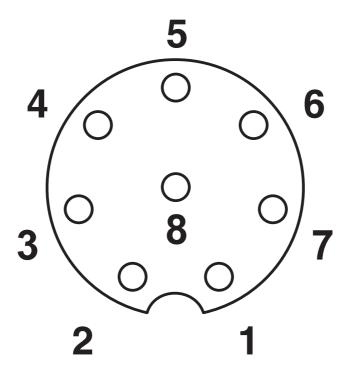


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Drawings





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/1437025

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

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	d9fffe08-41fc-4033-adcb-c06e207cbc8d

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