

1440669

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Device connector rear mounting, 8-position, Socket, straight, M12-SPEEDCON, coding: X, Rear mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1%) item no.: 1237426

Commercial data

Item number	1440669	
Packing unit	20 pc	
Minimum order quantity	1 pc	
Sales key	AB23	
Product key	ABQAIA Page 90 (C-2-2013) 4046356504591 11.225 g	
Catalog page		
GTIN		
Weight per piece (including packing)		
Weight per piece (excluding packing)	10.53 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
Μοι	unting	
	Mounting type	Rear mounting

Product properties

Product type	Circular connectors (device side)		
Number of positions	8		
Shielded	no		
Coding	X		
Thread type	M12		
Data management status			
Article revision	09		
Insulation characteristics			
Overvoltage category	II		
Degree of pollution	3		

Material specifications

Material	Zinc die-cast (nickel-plated)
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	< 5 mΩ
Insulation resistance	> 100 MΩ
Nominal voltage U _N	60 V
Nominal current I _N	4 A

Connection data

Conductor connection

Connection method	THR solder connection
Contact connection type	Socket

Connector



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Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	X

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

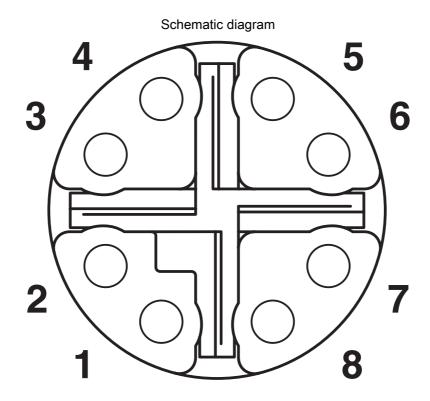
Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101



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Drawings



M12 socket pin assignment, 8-pos, view of socket side



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1440669

cUL Recognized Approval ID: E335024-20120308				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	60 V	0.5 A	-	-

<i>9</i> 1	UL Recognized Approval ID: E335024-20	0120308			
		Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
		60 V	0.5 A	-	-

cULus Recognized



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Classifications

ECLASS

	ECLASS-11.0	27440102			
	ECLASS-12.0	27440116			
	ECLASS-13.0	27440116			
ΕT	ETIM				
	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	1d0a11fa-3250-4374-b701-c98a3a83eb48

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