

SACC-DSIV-FS-8CON-L180-10G SCO - Device
connector rear mounting

1440669
<https://www.phoenixcontact.com/us/products/1440669>

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Device connector rear mounting, 8-position, Socket, straight, M12-SPEEDCON, X-coding, THR solder connection, 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	1440669
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB23
Product key	ABQAIA
GTIN	4046356504591
Weight per piece (including packing)	11.225 g
Weight per piece (excluding packing)	9.736 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
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Mounting

Mounting type	Rear mounting
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Product properties

Product type	Circular connectors (device side)
Number of positions	8
Shielded	no
Coding	X
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
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

Connection 1

Head design	Socket
Head cable outlet	straight

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Head thread type	M12
Head locking type	SPEEDCON
Coding	X

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

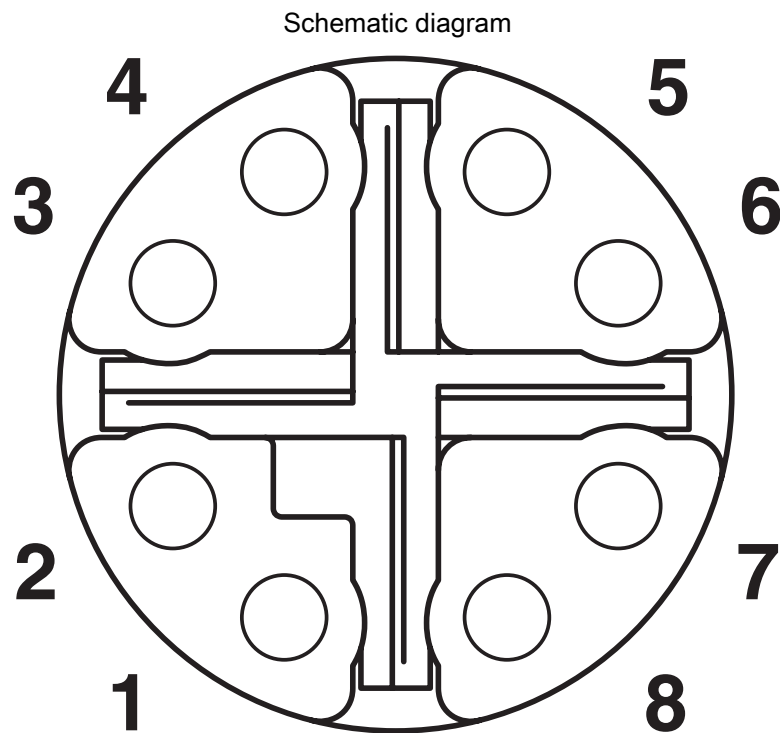
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Drawings



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
keine				
	60 V	0.5 A	-	-

 UL Recognized Approval ID: E335024-20120308				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
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Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 9.0	EC003568
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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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