

SACC-DSIV-MS-8CON-L90 SH SCO - Device connector rear mounting



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

Order information:	Lock nut is included in the scope of delivery
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Mounting

Mounting type	Rear mounting M12 x 1
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Product properties

Product type	Circular connectors (device side)
Number of positions	8
Shielded	yes
Coding	A
Thread type	M12

Data management status

Article revision	05
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Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

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

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
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)

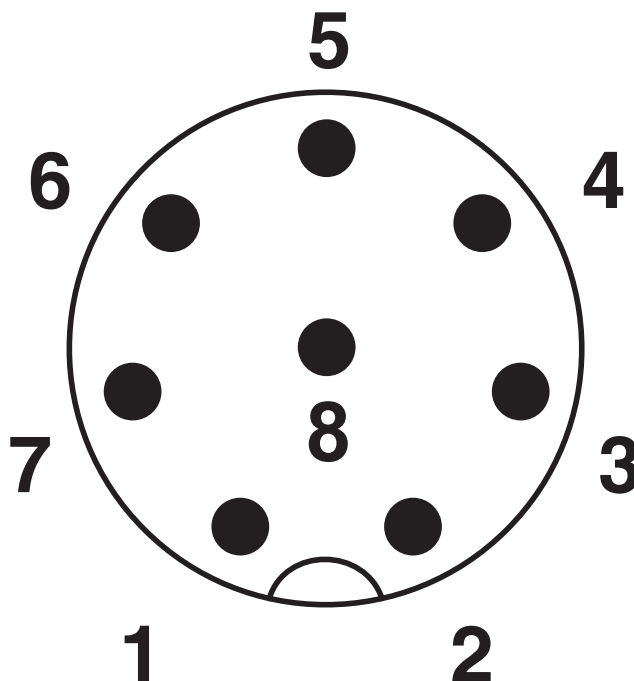
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Drawings

Schematic diagram



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

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
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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	328cb693-aa04-4aef-aaf1-bdee1c058b3c

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