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, A-coding, THR and wave soldering, this item is expected to be lead-free from Q3 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	1437012
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEGA
GTIN	4046356438582
Weight per piece (including packing)	12.8 g
Weight per piece (excluding packing)	9.41 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

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

Mounting

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

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	V0

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	THR and wave soldering
Contact connection type	Pin

Connector

Connection 1

Head design	Pin

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

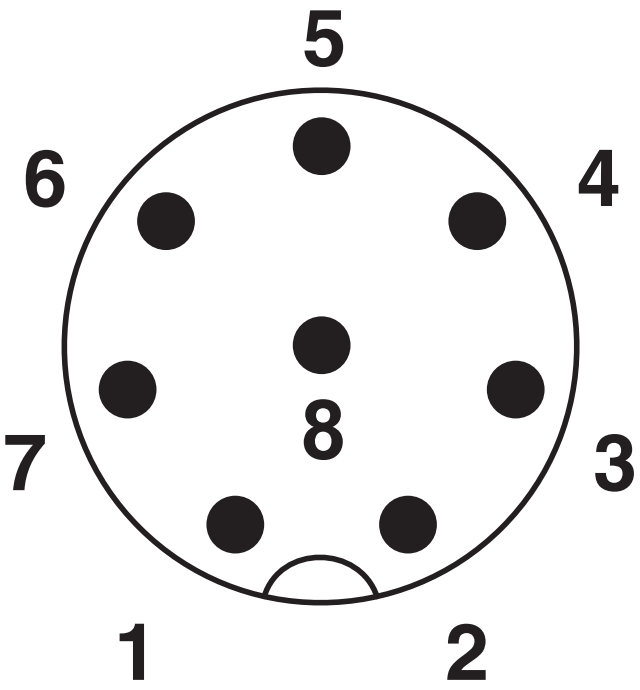
Environmental and real-life conditions

Ambient conditions

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

Drawings

Schematic diagram



Pin assignment M12 plug, 8-pos., A-coded, view plug side

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
keine				
	30 V	2 A	24	-

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 10.0	EC003568

UNSPSC

UNSPSC 21.0	39121400

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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