SACC-DSIV-M12FS-5CON-L180-SI - Device connector rear mounting

1528167

https://www.phoenixcontact.com/us/products/1528167

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Device connector rear mounting, 5-position, Socket, straight, M12, A-coding, Wave soldering, this item is expected to be lead-free from Q1 2027 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	1528167
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB26
Product key	ABQEHL
GTIN	4046356023146
Weight per piece (including packing)	22.2 g
Weight per piece (excluding packing)	16.507 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 (Pg9, with locking nut)

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	CuZn
Material Housing surface	Ni
Material Contact carrier	PBT
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	V0

Electrical properties

Contact resistance	≤ 0.003 Ω
Insulation resistance	≥ 100000 Ω
Nominal voltage U_N	60 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Socket

Connector

Connection 1

Head design	Socket

Head cable outlet	straight
Head thread type	M12
Coding	A

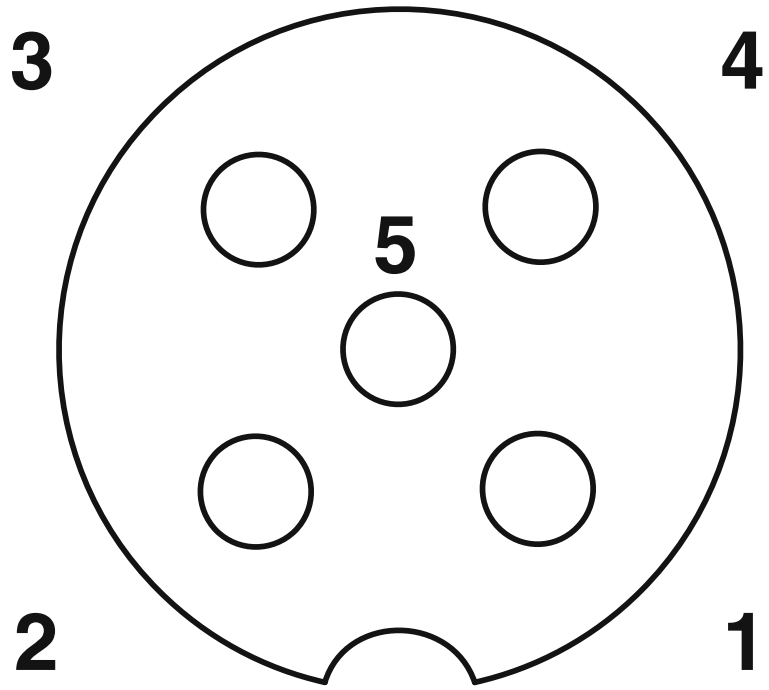
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1528167

cUL Recognized
Approval ID: E118976-20100522

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	60 V	4 A	22	-

UL Recognized
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	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	60 V	4 A	22	-

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	59281fb9-d492-4065-b390-f7b605b584f4

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