

# SACC-DSIV-MS-8CON-L90 SCO/100X - Device connector rear mounting



1238114

<https://www.phoenixcontact.com/pc/products/1238114>

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Device connector rear mounting, 8-position, Pin, angled, M12-SPEEDCON, A-coding, THR and wave soldering, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

## Commercial data

Item number	1238114
Packing unit	100 pc
Minimum order quantity	100 pc
Product key	ABQEGI
GTIN	4063151457563
Weight per piece (including packing)	12.348 g
Weight per piece (excluding packing)	9.32 g
Customs tariff number	85444290
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, with flat nut)
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### Product properties

Product type	Circular connectors (device side)
Number of positions	8
Shielded	no
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 6T/66
Material Contact	CuZn
Material Contact surface	Au
Material Seal	FKM
Flammability rating according to UL 94	V0

### 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	THR and wave soldering
Contact connection type	Pin

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	> 100
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## 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)
UL Type Rating	Type 4 (indoor use only)

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## Drawings

Schematic diagram



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

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## Classifications

### ECLASS

ECLASS-13.0	27440110
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### ETIM

ETIM 9.0	EC003569
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### UNSPSC

UNSPSC 21.0	26121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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