

# SACC-DSIV-M12FS-5CON-L 90 - Device connector rear mounting



1694240  
<https://www.phoenixcontact.com/us/products/1694240>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Device connector rear mounting, 5-position, Socket, angled, M12, coding: A, Rear mounting, M12 x 1, Wave soldering

## Commercial data

Item number	1694240
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB23
Product key	ABQEHI
GTIN	4017918177522
Weight per piece (including packing)	14.54 g
Weight per piece (excluding packing)	11.1 g
Customs tariff number	85366990
Country of origin	DE

# SACC-DSIV-M12FS-5CON-L 90 - Device connector rear mounting



1694240

<https://www.phoenixcontact.com/us/products/1694240>

## Technical data

### Mounting

Mounting type	Rear mounting M12 x 1 With locking nut
Assembly note	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

Flammability rating according to UL 94	HB
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

### Electrical properties

Contact resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
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	angled
Head thread type	M12
Coding	A

# SACC-DSIV-M12FS-5CON-L 90 - Device connector rear mounting



1694240

<https://www.phoenixcontact.com/us/products/1694240>

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket)
UL Type Rating	Type 4 (indoor use only)

## Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

# SACC-DSIV-M12FS-5CON-L 90 - Device connector rear mounting

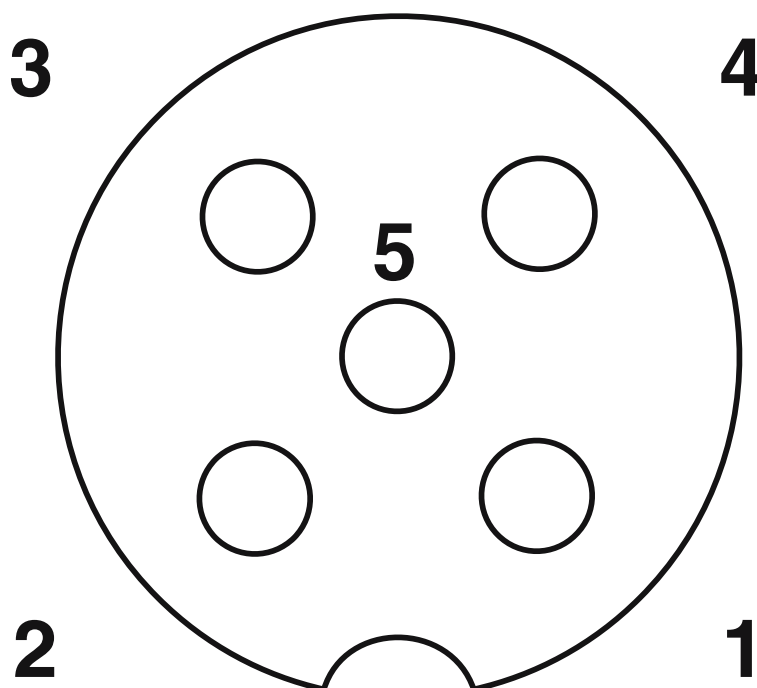


1694240

<https://www.phoenixcontact.com/us/products/1694240>

## Drawings

Schematic diagram



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

# SACC-DSIV-M12FS-5CON-L 90 - Device connector rear mounting





1694240


<https://www.phoenixcontact.com/us/products/1694240>


## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1694240>

	<b>cUL Recognized</b>			
	Approval ID: FILE E 221474			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	60 V	4 A	-	-

	<b>UL Recognized</b>			
	Approval ID: FILE E 221474			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	60 V	4 A	-	-

	<b>UL Recognized</b>			
	Approval ID: E221474-20070307			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	60 V	4 A	-	-

	<b>cUL Recognized</b>			
	Approval ID: E221474-20070307			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	60 V	4 A	-	-

# SACC-DSIV-M12FS-5CON-L 90 - Device connector rear mounting



1694240  
<https://www.phoenixcontact.com/us/products/1694240>

## Classifications

### ECLASS

ECLASS-13.0	27440110
-------------	----------

### ETIM

ETIM 9.0	EC003568
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# SACC-DSIV-M12FS-5CON-L 90 - Device connector rear mounting



1694240

<https://www.phoenixcontact.com/us/products/1694240>

## 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	7a9b8d80-2aae-4f37-a126-df3c052b3fb9

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)