

# SACC-DSIV-M 8MS-3CON-L 90 - Device connector rear mounting



1440070

<https://www.phoenixcontact.com/us/products/1440070>

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, 3-position, Pin, angled, M8, A-coding, Wave soldering



## Your advantages

- Standard pin assignments and codings for signal transmission with a uniform design-in design

## Commercial data

Item number	1440070
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB22
Product key	ABQJAA
GTIN	4046356480871
Weight per piece (including packing)	4.389 g
Weight per piece (excluding packing)	4.135 g
Customs tariff number	85366990
Country of origin	DE

# SACC-DSIV-M 8MS-3CON-L 90 - Device connector rear mounting



1440070

<https://www.phoenixcontact.com/us/products/1440070>

## Technical data

### Mounting

Mounting type	Rear mounting (M8 x 1, with flat nut)
---------------	---------------------------------------

### Product properties

Product type	Circular connectors (device side)
Number of positions	3
Shielded	no
Coding	A
Thread type	M8

### Insulation characteristics

Ovvoltage category	II
Degree of pollution	3

### Material specifications

Material Housing	CuZn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Flammability rating according to UL 94	HB
Seal material	NBR

### Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	48 V AC
	60 V DC
Nominal current $I_N$	4 A

### Connection data

Conductor connection	
Connection method	Wave soldering
Contact connection type	Pin

### Connector

Connection 1	
Head design	Pin
Head cable outlet	angled
Head thread type	M8

# SACC-DSIV-M 8MS-3CON-L 90 - Device connector rear mounting



1440070

<https://www.phoenixcontact.com/us/products/1440070>

Coding

A

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

Standard designation	M8 circular connector
Standards/specifications	according to IEC 61076-2-104

# SACC-DSIV-M 8MS-3CON-L 90 - Device connector rear mounting

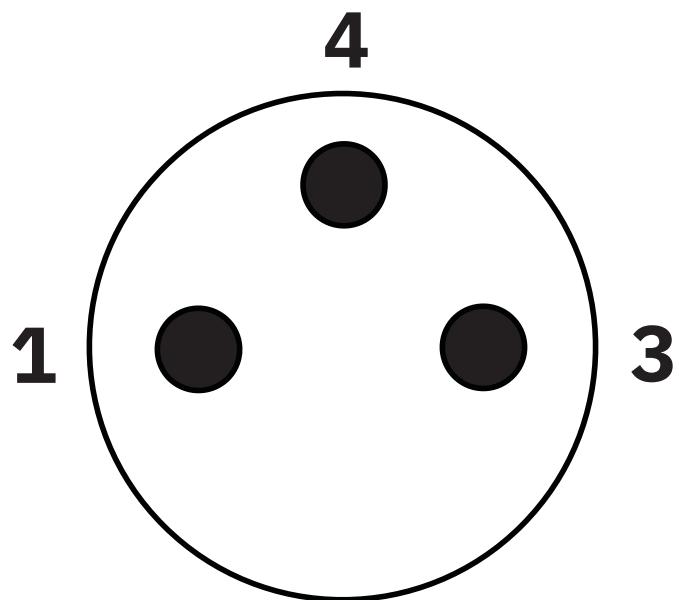


1440070

<https://www.phoenixcontact.com/us/products/1440070>

## Drawings

Schematic diagram



Pin assignment M8 plug, 3-pos., view male side

# SACC-DSIV-M 8MS-3CON-L 90 - Device connector rear mounting



1440070

<https://www.phoenixcontact.com/us/products/1440070>

## Classifications

### ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

### ETIM

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

### UNSPSC

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

# SACC-DSIV-M 8MS-3CON-L 90 - Device connector rear mounting



1440070

<https://www.phoenixcontact.com/us/products/1440070>

## 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: n/a)
SCIP	1c55b2d7-dbb2-4bd0-8d67-cccc1547e7f6

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)