

# SACC-DSIV-M 8FS-4CON-L180-06 - Device connector rear mounting



1524789

<https://www.phoenixcontact.com/us/products/1524789>

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, 4-position, Socket, straight, M8, coding: A, Rear mounting, M8 x 1, Wave soldering

## Your advantages

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

## Commercial data

Item number	1524789
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB22
Product key	ABQJBG
Catalog page	Page 230 (C-2-2013)
GTIN	4017918950095
Weight per piece (including packing)	5.06 g
Weight per piece (excluding packing)	5.06 g
Customs tariff number	85366990
Country of origin	DE

# SACC-DSIV-M 8FS-4CON-L180-06 - Device connector rear mounting



1524789

<https://www.phoenixcontact.com/us/products/1524789>

## Technical data

### Mounting

Mounting type	Rear mounting M8 x 1 With locking nut
Assembly instructions	With locking nut

### Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	no
Coding	A
Thread type	M8

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Material specifications

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

### Electrical properties

Rated surge voltage	1.5 kV
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	Socket

### Connector

#### Connection 1

Head design	Socket
Head cable outlet	straight

# SACC-DSIV-M 8FS-4CON-L180-06 - Device connector rear mounting



1524789

<https://www.phoenixcontact.com/us/products/1524789>

Head thread type	M8
Coding	A

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C
	-25 °C ... 85 °C

## Standards and regulations

### M8

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

# SACC-DSIV-M 8FS-4CON-L180-06 - Device connector rear mounting

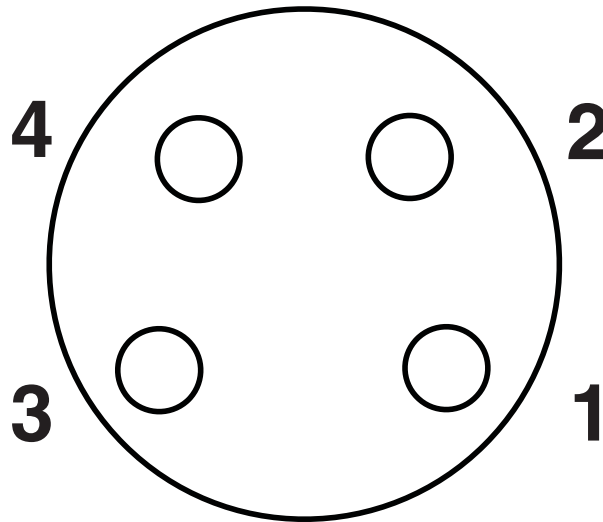


1524789

<https://www.phoenixcontact.com/us/products/1524789>

## Drawings

Schematic diagram



Pin assignment M8 socket, 4-pos., view female side

# SACC-DSIV-M 8FS-4CON-L180-06 - Device connector rear mounting



1524789

<https://www.phoenixcontact.com/us/products/1524789>

## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002635
----------	----------

### UNSPSC

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

# SACC-DSIV-M 8FS-4CON-L180-06 - Device connector rear mounting



1524789

<https://www.phoenixcontact.com/us/products/1524789>

## 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	35484a0a-cf23-4768-894d-05475ff64188

Phoenix Contact 2024 © - 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)