

SACC-DSI-M 8FS-4CON-L180 - Device connector rear mounting



1694376

<https://www.phoenixcontact.com/us/products/1694376>

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, M12 x 1, Wave soldering

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- Standard pin assignments and codings for signal transmission with a uniform design-in design
- For high transmission reliability: optional shield connection to the housing and latching on the PCB

Commercial data

Item number	1694376
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQJBI
GTIN	4017918178659
Weight per piece (including packing)	13.5 g
Weight per piece (excluding packing)	13.5 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSI-M 8FS-4CON-L180 - Device connector rear mounting



1694376

<https://www.phoenixcontact.com/us/products/1694376>

Technical data

Mounting

Mounting type	Rear mounting M12 x 1 With flat nut
Assembly note	With flat 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
Tightening torque	1 Nm ... 1.5 Nm (Installation-side)

Connector

Connection 1

Head design	Socket
-------------	--------

SACC-DSI-M 8FS-4CON-L180 - Device connector rear mounting



1694376

<https://www.phoenixcontact.com/us/products/1694376>

Head cable outlet	straight
Head thread type	M8
Coding	A

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 85 °C
Ambient temperature (operation)	-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

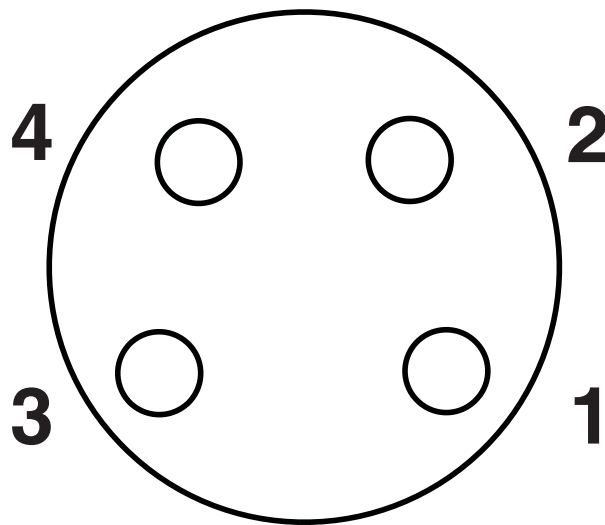
SACC-DSI-M 8FS-4CON-L180 - Device connector rear mounting

1694376

<https://www.phoenixcontact.com/us/products/1694376>

Drawings

Schematic diagram





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

1694376
<https://www.phoenixcontact.com/us/products/1694376>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1694376>

<div> cUL Recognized Approval ID: E221474-20070307</div>				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	30 V	4 A	-	-

<div> UL Recognized Approval ID: E221474-20070307</div>				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	30 V	4 A	-	-

SACC-DSI-M 8FS-4CON-L180 - Device connector rear mounting



1694376
<https://www.phoenixcontact.com/us/products/1694376>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

SACC-DSI-M 8FS-4CON-L180 - Device connector rear mounting



1694376

<https://www.phoenixcontact.com/us/products/1694376>

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	7c883a18-8dcf-4a88-a26e-3b987ee3b9ab

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