

SACC-DSI-M8FS-5CON-M10-L90 DN - Device connector rear mounting



1424239

<https://www.phoenixcontact.com/us/products/1424239>

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, M8, B-coding, Wave soldering



Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- For high transmission reliability: optional shield connection to the housing and latching on the PCB

Commercial data

Item number	1424239
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQJAB
GTIN	4046356712514
Weight per piece (including packing)	7.267 g
Weight per piece (excluding packing)	7.267 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSI-M8FS-5CON-M10-L90 DN - Device connector rear mounting



1424239

<https://www.phoenixcontact.com/us/products/1424239>

Technical data

Mounting

Mounting type	Rear mounting (M10, with flat nut)
---------------	------------------------------------

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	yes
Coding	B
Thread type	M8

Insulation characteristics

Ovvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	Cu alloy
Material Contact surface	Au
Flammability rating according to UL 94	HB

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	30 V AC
	30 V DC
Nominal current I_N	3 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	M8
Coding	B

SACC-DSI-M8FS-5CON-M10-L90 DN - Device connector rear mounting



1424239

<https://www.phoenixcontact.com/us/products/1424239>

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C
Ambient temperature (operation)	-25 °C ... 85 °C

Standards and regulations

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

SACC-DSI-M8FS-5CON-M10-L90 DN - Device connector rear mounting

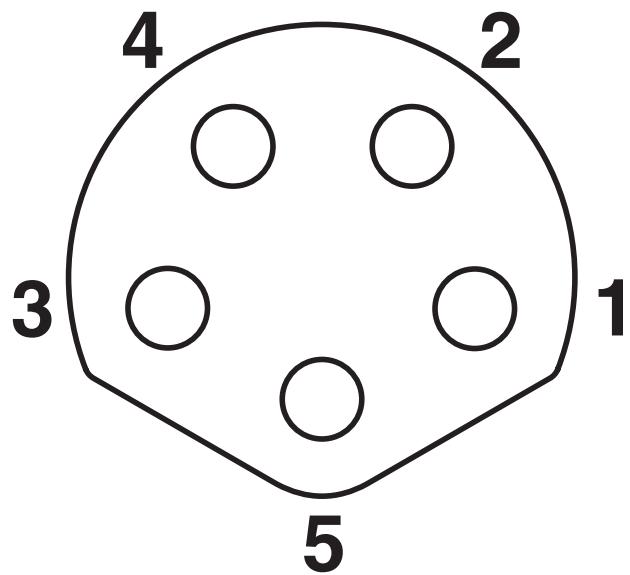


1424239

<https://www.phoenixcontact.com/us/products/1424239>

Drawings

Schematic diagram



connector pin assignment of M8 socket, 4-pos., view of pin side

SACC-DSI-M8FS-5CON-M10-L90 DN - Device connector rear mounting



1424239

<https://www.phoenixcontact.com/us/products/1424239>

Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424239>

cUL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine	30 V	4 A	24	-

UL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine	30 V	4 A	24	-

SACC-DSI-M8FS-5CON-M10-L90 DN - Device connector rear mounting



1424239

<https://www.phoenixcontact.com/us/products/1424239>

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

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

UNSPSC

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

SACC-DSI-M8FS-5CON-M10-L90 DN - Device connector rear mounting



1424239

<https://www.phoenixcontact.com/us/products/1424239>

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	901f0048-5908-4cf1-bde3-752aec6c6a6

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