

SACC-DSIV-M12MSB-5CON-L90 ST X - Device
connector rear mounting

1396609
<https://www.phoenixcontact.com/us/products/1396609>

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, Pin, angled, M12, B-coding, Wave soldering



Your advantages

- Standard pin assignments and codings for signal and data transmission with a uniform design-in design
- Easy PCB mounting: two-piece connectors for wave soldering
- Secure assembly: locking clips for fixing onto the PCB
- Sustainable and future-proof: lead-free in accordance with RoHS II without Exemption 6c
- Worldwide availability through global distribution channels

Commercial data

Item number	1396609
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQEGI
GTIN	4063151780647
Weight per piece (including packing)	11.8 g
Weight per piece (excluding packing)	11.72 g
Customs tariff number	85366990
Country of origin	CN

SACC-DSIV-M12MSB-5CON-L90 ST X - Device connector rear mounting



1396609

<https://www.phoenixcontact.com/us/products/1396609>

Technical data

Mounting

Mounting type	Rear mounting (M12 x 1, with locking nut)
---------------	---

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	B
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	Zinc alloy
Material Insulating body	PA 10T
Material Contact	Copper alloy
Material Contact surface	Ni/Au
Material Seal	FKM
Flammability rating according to UL 94	V-0

Electrical properties

Rated surge voltage	1.5 kV
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	Pin

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
-----------------------------	-------

Connector

Connection 1

Head design	Pin
-------------	-----

SACC-DSIV-M12MSB-5CON-L90 ST X - Device connector rear mounting



1396609

<https://www.phoenixcontact.com/us/products/1396609>

Head cable outlet	angled
Head thread type	M12
Coding	B

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C
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-M12MSB-5CON-L90 ST X - Device connector rear mounting

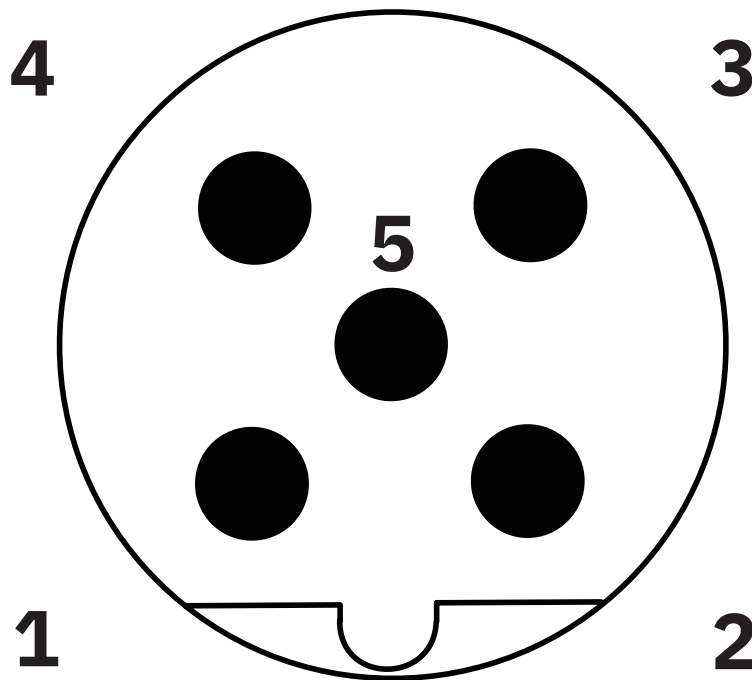


1396609

<https://www.phoenixcontact.com/us/products/1396609>

Drawings

Schematic diagram



Pin assignment M12 male connector, 5-pos., B-coded, male side

SACC-DSIV-M12MSB-5CON-L90 ST X - Device connector rear mounting



1396609
<https://www.phoenixcontact.com/us/products/1396609>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1396609>

	cULus Recognized Approval ID: E529600-20230307			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	60 V	4 A	22	-

SACC-DSIV-M12MSB-5CON-L90 ST X - Device connector rear mounting



1396609

<https://www.phoenixcontact.com/us/products/1396609>

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 10.0	EC003568
-----------	----------

SACC-DSIV-M12MSB-5CON-L90 ST X - Device connector rear mounting



1396609

<https://www.phoenixcontact.com/us/products/1396609>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - 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