

SACC-DSIV-MS-8CON-L180 SCO THRX - Device connector rear mounting



1239993

<https://www.phoenixcontact.com/pc/products/1239993>

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, 8-position, Pin, straight, M12-SPEEDCON, A-coding, THR solder connection, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Commercial data

Item number	1239993
Packing unit	60 pc
Minimum order quantity	60 pc
Product key	ABQAIA
GTIN	4063151457747
Weight per piece (including packing)	10.87 g
Weight per piece (excluding packing)	8.03 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSIV-MS-8CON-L180 SCO THRX - Device connector rear mounting



1239993

<https://www.phoenixcontact.com/pc/products/1239993>

Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
--------------------	---

Product properties

Product type	Circular connectors (device side)
Number of positions	8
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PPA
Material Contact	CuZn
Material Contact surface	Au
Material Seal	FKM / EPDM
Flammability rating according to UL 94	V0

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	30 V
Nominal current I_N	2 A

Connection data

Conductor connection

Connection method	THR solder connection
Contact connection type	Pin

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON

SACC-DSIV-MS-8CON-L180 SCO THRX - Device connector rear mounting



1239993

<https://www.phoenixcontact.com/pc/products/1239993>

Coding	A
--------	---

Environmental and real-life conditions

Ambient conditions

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

SACC-DSIV-MS-8CON-L180 SCO THRX - Device connector rear mounting

1239993

<https://www.phoenixcontact.com/pc/products/1239993>

Drawings

Schematic diagram



Pin assignment M12 plug, 8-pos., view plug side

SACC-DSIV-MS-8CON-L180 SCO THRX - Device connector rear mounting



1239993

<https://www.phoenixcontact.com/pc/products/1239993>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC003569
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

SACC-DSIV-MS-8CON-L180 SCO THRX - Device connector rear mounting



1239993

<https://www.phoenixcontact.com/pc/products/1239993>

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 GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com