

1418666

<https://www.phoenixcontact.com/us/products/1418666>

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.



Sample set, 4-position, Pin, straight, M8, coding: A, PCB mounting, SMD, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239221

Commercial data

Item number	1418666
Packing unit	5 pc
Minimum order quantity	5 pc
Product key	ABQXAA
GTIN	4055626163208
Weight per piece (including packing)	6.98 g
Weight per piece (excluding packing)	6.6 g
Country of origin	DE

Technical data

Notes

Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
--------------------	--

Product properties

Product type	Contact insert
Number of positions	4
Seal present	yes
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	III
----------------------	-----

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\leq 100 \text{ M}\Omega$
Nominal voltage U_N	60 V
Nominal current I_N	3 A

Connection data

Connection method	SMD
-------------------	-----

Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M8
Coding	A

Mechanical properties

Mechanical data

SACC-CIP-M8MS-4P SMD-SP - Sample set



1418666

<https://www.phoenixcontact.com/us/products/1418666>

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

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP67 (correctly plugged in and locked)
Degree of protection (not plugged in)	IP65 (not plugged in, by means of additional O-ring seal with device)
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 105 °C (Plug / socket)
	-40 °C ... 105 °C (without mechanical actuation)

Standards and regulations

M8

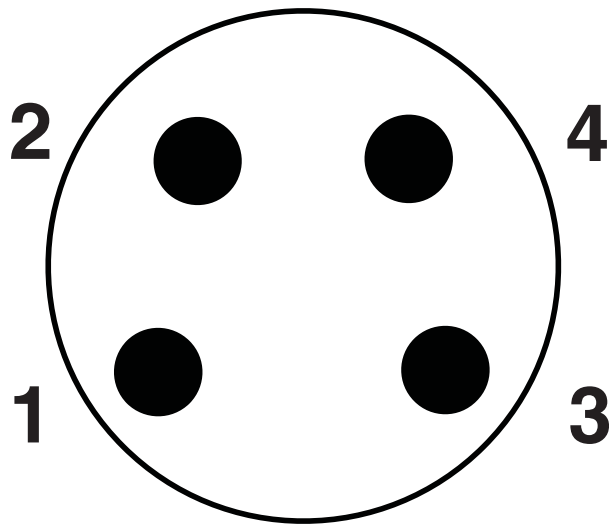
Standard designation	M8 connector
Standards/specifications	IEC 61076-2-104

Mounting

Mounting type	PCB mounting
---------------	--------------

Drawings

Schematic diagram



Pin assignment M8 plug, 4-pos., view male side

SACC-CIP-M8MS-4P SMD-SP - Sample set



1418666

<https://www.phoenixcontact.com/us/products/1418666>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1418666>

<div> cULus Recognized Approval ID: E221474-20160506</div>				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	60 V	4 A	-	-

SACC-CIP-M8MS-4P SMD-SP - Sample set



1418666

<https://www.phoenixcontact.com/us/products/1418666>

Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 9.0	EC003557
----------	----------

UNSPSC

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

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	f88ce1a6-06b7-4906-b44d-5fd4b96e3095

SACC-CIP-M8MS-4P SMD-SP - Sample set



1418666

<https://www.phoenixcontact.com/us/products/1418666>

Accessories

SACC-BP-M-M8/M12 SMD - Housing screw connection

1412505

<https://www.phoenixcontact.com/us/products/1412505>



Housing screw connection, Pin, Rear mounting, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239002

SACC-FP-M-M8/M10 SMD - Housing screw connection

1412502

<https://www.phoenixcontact.com/us/products/1412502>



Housing screw connection, Pin, M8, Front mounting, M10 x 0.75

SACC-CIP-M8MS-4P SMD-SP - Sample set

1418666

<https://www.phoenixcontact.com/us/products/1418666>



SACC-FP-M-M8/PRESS SMD - Housing screw connection

1412500

<https://www.phoenixcontact.com/us/products/1412500>



Housing screw connection, Pin, Front mounting, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239000

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