

SACC-M 8FR-3CON-M - Connector



1529399

<https://www.phoenixcontact.com/pc/products/1529399>

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.

Connector, Universal, 3-position, Socket angled M8, coding: A, Solder connection, knurl material: Brass, nickel-plated, external cable diameter 3.5 mm ... 5 mm



Your advantages

- Safe use in the field, thanks to a high degree of protection

Commercial data

Item number	1529399
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BF2BIA
Catalog page	Page 18 (C-2-2019)
GTIN	4017918978570
Weight per piece (including packing)	9.35 g
Weight per piece (excluding packing)	7.1 g
Customs tariff number	85366990
Country of origin	DE

SACC-M 8FR-3CON-M - Connector



1529399

<https://www.phoenixcontact.com/pc/products/1529399>

Technical data

Notes

General	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.
---------	--

Mounting

Assembly instructions	The connector pin assignment can be rotated 90° to the cable outlet
-----------------------	---

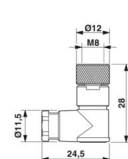
Product properties

Product type	Circular connector (cable-side)
Sensor type	Universal
Number of positions	3
No. of cable outlets	1
Shielded	no
Coding	A
Cable outlet	angled

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Dimensions

Dimensional drawing	
Length	28 mm

External dimensions

Outside diameter	3.5 mm ... 5 mm
------------------	-----------------

Housing

Diameter housing	12 mm
------------------	-------

Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Material of grip body	PBT
Contact material	CuZn
Contact surface material	Au

SACC-M 8FR-3CON-M - Connector



1529399

<https://www.phoenixcontact.com/pc/products/1529399>

Contact carrier material	PA
Material for screw connection	Brass, nickel-plated

Connection data

Conductor connection

Connection method	Solder connection
Connection cross section	0.08 mm ² ... 0.25 mm ² (flexible)
	0.08 mm ² ... 0.25 mm ² (solid)
Connection cross section AWG	28 ... 24 (flexible)
	28 ... 24 (solid)
Stripping length of the individual wire	3 mm
Tightening torque	0.2 Nm (M8 knurl)

Electrical properties

Rated surge voltage	0.8 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	48 V AC
	60 V DC
Nominal current I _N	4 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
-----------------------------	-------

Connector

Connection 1

Head design	Socket
Head cable outlet	angled
Head thread type	M8
Coding	A

Cable/line

Signal type/category	Universal
Stripping length of the individual wire	3 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 85 °C

Standards and regulations

SACC-M 8FR-3CON-M - Connector



1529399

<https://www.phoenixcontact.com/pc/products/1529399>

M8

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

Phoenix Contact 2024 © - 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