

SACC-E-M12FS-6P-PG9/0,5 - Device connector front mounting



1016694

<https://www.phoenixcontact.com/us/products/1016694>

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 front mounting, 6-position, Socket, straight, M12, A-coding, on free cable end, Individual wires, cable length: 0.5 m, 0.25 mm², potted, this item is expected to be lead-free from Q3 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1016694
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB24
Product key	ABQCFE
GTIN	4055626511382
Weight per piece (including packing)	24.7 g
Weight per piece (excluding packing)	22.424 g
Customs tariff number	85444290
Country of origin	DE

SACC-E-M12FS-6P-PG9/0,5 - Device connector front mounting



1016694

<https://www.phoenixcontact.com/us/products/1016694>

Technical data

Notes

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

Mounting

Mounting type	Front mounting (Pg9)
---------------	----------------------

Product properties

Product type	Circular connectors (device side)
Application	Signal
Number of positions	6
No. of cable outlets	1
Coding	A
Thread type	M12

Material specifications

Material Molding compound	PUR (potted)
---------------------------	--------------

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Socket
Conductor cross-section	0.25 mm ²

Mechanical properties

Mechanical data

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

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	A

Connection 2

Head design	free cable end
-------------	----------------

Cable/line

Cable length	0.5 m
Cable cross section	0.25 mm ²

SACC-E-M12FS-6P-PG9/0,5 - Device connector front mounting



1016694

<https://www.phoenixcontact.com/us/products/1016694>

AWG signal line	24
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67/IP69K
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
Ambient temperature (operation) (Cable, flexible installation)	-25 °C ... 85 °C (Cable, flexible installation)
Ambient temperature (operation) (Cable, fixed installation)	-40 °C ... 85 °C (cable, fixed installation)
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-E-M12FS-6P-PG9/0,5 - Device connector front mounting

1016694

<https://www.phoenixcontact.com/us/products/1016694>

Drawings

Schematic diagram



Pin assignment M12 socket, 8-pos., A-coded, view female side

SACC-E-M12FS-6P-PG9/0,5 - Device connector front mounting




1016694

<https://www.phoenixcontact.com/us/products/1016694>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1016694>

 cULus Recognized Approval ID: E221474-20140616		Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine					
		30 V	2 A	-	-

SACC-E-M12FS-6P-PG9/0,5 - Device connector front mounting



1016694

<https://www.phoenixcontact.com/us/products/1016694>

Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 10.0	EC003570
-----------	----------

UNSPSC

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

SACC-E-M12FS-6P-PG9/0,5 - Device connector front mounting



1016694

<https://www.phoenixcontact.com/us/products/1016694>

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	30e046bf-fe75-4a15-8fb0-8810ee7efb96

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