

SACC-E-M 8FS-5CON-M 8/0,5 DN - Device connector front mounting



1440106

<https://www.phoenixcontact.com/us/products/1440106>

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, DeviceNet™, 5-position, Socket, straight, M8, coding: B, Front mounting, M8 x 0.5, Individual wires, cable length: 0.5 m, 0.25 mm², PVC litz wire

Commercial data

Item number	1440106
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQIBA
Catalog page	Page 22 (PC-2009)
GTIN	4046356481335
Weight per piece (including packing)	15 g
Weight per piece (excluding packing)	15 g
Customs tariff number	85444290
Country of origin	PL

SACC-E-M 8FS-5CON-M 8/0,5 DN - Device connector front mounting



1440106

<https://www.phoenixcontact.com/us/products/1440106>

Technical data

Mounting

Mounting type	Front mounting M8 x 0.5
---------------	-------------------------

Product properties

Product type	Circular connectors (device side)
Application	Signal
Sensor type	DeviceNet™
Number of positions	5
No. of cable outlets	1
Shielded	no
Coding	B
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	Viton
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR/PA 6.6
Material for screw connection	Brass, nickel-plated
Conductor material	Tin-plated Cu litz wires

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	4 A

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Socket
Conductor cross section	0.25 mm²

Connector

Connection 1

SACC-E-M 8FS-5CON-M 8/0,5 DN - Device connector front mounting



1440106

<https://www.phoenixcontact.com/us/products/1440106>

Head design	Socket
Head cable outlet	straight
Head thread type	M8
Coding	B

Cable/line

Cable length	0.5 m
Cable type	PVC litz wire
Signal type/category	DeviceNet™
Single wire, color	white, black, gray, red, blue
Cable cross section	0.25 mm²
Conductor material	Tin-plated Cu litz wires
AWG signal line	26
Material wire insulation	PVC

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C
Ambient temperature (operation)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

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

SACC-E-M 8FS-5CON-M 8/0,5 DN - Device connector front mounting

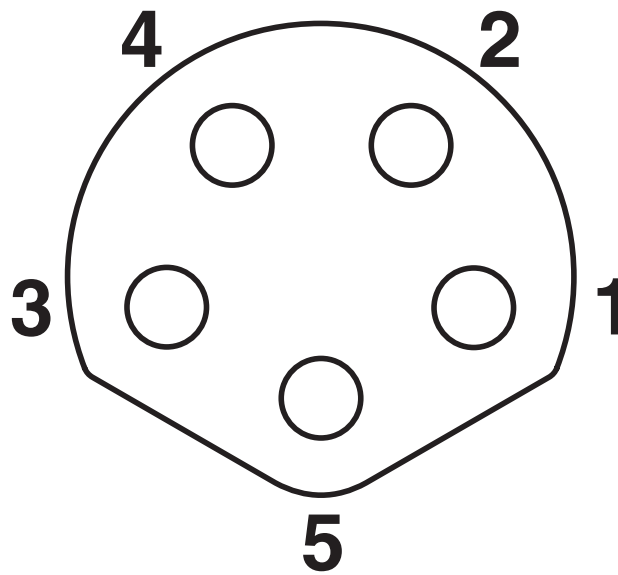


1440106

<https://www.phoenixcontact.com/us/products/1440106>

Drawings

Schematic diagram



Connector pin assignment M8 socket, 5-pos., B-coded, socket side view

SACC-E-M 8FS-5CON-M 8/0,5 DN - Device connector front mounting



1440106
<https://www.phoenixcontact.com/us/products/1440106>

Classifications

ECLASS

ECLASS-13.0	27440103
-------------	----------

ETIM

ETIM 9.0	EC003570
----------	----------

UNSPSC

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

SACC-E-M 8FS-5CON-M 8/0,5 DN - Device connector front mounting



1440106

<https://www.phoenixcontact.com/us/products/1440106>

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	252698d7-d255-4ea0-be44-559eeac34ff9

Phoenix Contact 2025 © - 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