SACC-E-MS-5CON-M16/0,5-18AWG - Device connector front mounting

1019518

https://www.phoenixcontact.com/us/products/1019518

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Device connector front mounting, 5-position, Pin, M12, A-coding, Individual wires, cable length: 0.5 m, 0.75 mm^2, potted

Commercial data

Item number	1019518
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB24
Product key	ABQCEB
GTIN	4055626514772
Weight per piece (including packing)	41.2 g
Weight per piece (excluding packing)	36.868 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Mounting

Mounting type	Front mounting

Product properties

Product type	Circular connectors (device side)
Application	Signal
Number of positions	5
No. of cable outlets	1
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Material specifications

Material Molding compound	PUR (potted)
Flammability rating according to UL 94	V0

Electrical properties

Rated surge voltage	1.5 kV AC
Nominal voltage U_N	60 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Pin
Conductor cross-section	0.75 mm²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Connector

Connection 1

Head design	Pin
Head thread type	M12
Coding	A

Cable/line

Cable length	0.5 m
Cable cross section	0.75 mm²

Environmental and real-life conditions

Ambient conditions

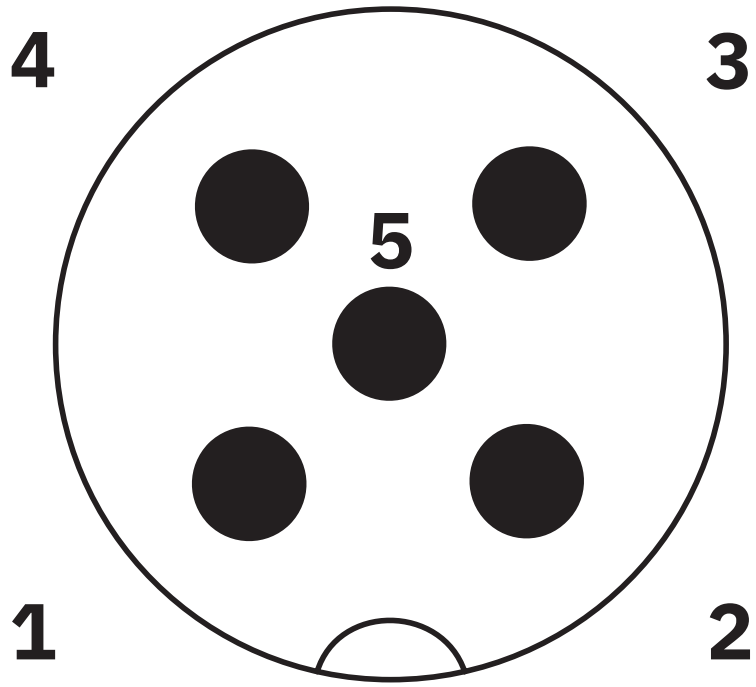
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

Drawings

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 9.0	EC003570

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	073f067c-e253-4323-b7ce-4aeb8fce7814

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https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com