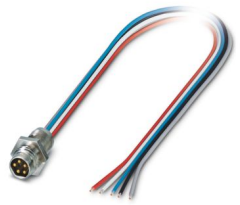
SACC-E-M 8MS-5CON-M 8/0,5 DN - Device connector front mounting

1440119

https://www.phoenixcontact.com/us/products/1440119

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Device connector front mounting, DeviceNet™, 5-position, Pin, straight, M8, B-coding, on free cable end, Individual wires, cable length: 0.5 m, 0.25 mm^2, PVC litz wire

Your advantages

- Preassembled with litz wires for immediate use
- Customer-specific assemblies and litz wire lengths available
- Sealed on the litz wire side for optimum leak-tightness
- Standard pin assignments and codings for signal transmission with a uniform design-in design

Commercial data

Item number	1440119
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQIAA
GTIN	4046356481328
Weight per piece (including packing)	14.3 g
Weight per piece (excluding packing)	14.2 g
Customs tariff number	85444290
Country of origin	PL

Technical data

Mounting

Mounting type	Front mounting (M8 x 0,5)

Product properties

Product type	Circular connectors (device side)
Application	Signal
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
Material grommet GRP	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	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	30 V AC
	30 V DC
Nominal current I_N	4 A

Connection data

Conductor connection

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

Interfaces

Bus system	DeviceNet™

Signal type/category	DeviceNet™

Connector

Connection 1

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

Connection 2

Head design	free cable end

Cable/line

Cable length	0.5 m
Cable type	PVC litz wire
Single wire, color	gray, red, white, black, blue
Cable cross section	0.25 mm²
Conductor material	Tin-plated Cu litz wires
AWG signal line	26
Material wire insulation	PVC
Ambient temperature (operation)	-40 °C ... 85 °C

Environmental and real-life conditions

Ambient conditions

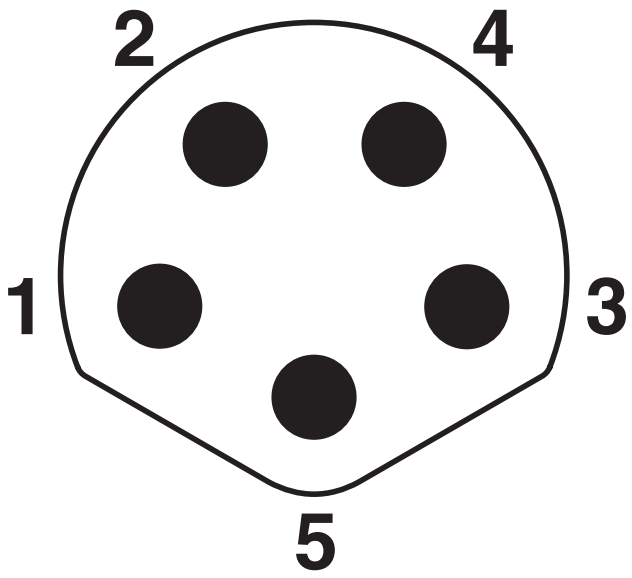
Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket)
Ambient temperature (operation) (Cable, fixed installation)	-40 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

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

Drawings

Schematic diagram



Pin assignment M8 plug, 5-pos., B-coded, view plug side

Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 10.0	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	e29e772b-1612-487e-a5d3-7c411962faec

EF3.1 Climate Change

CO2e kg	2.297 kg CO2e

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