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

1440119

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Device connector front mounting, DeviceNet™, 5-position, Pin, straight, M8, Front mounting, M8 x 0.5, 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
Product key	ABQIAA
Catalog page	Page 22 (PC-2009)
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)
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	≤ 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

Connector

Connection 1

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Head design	Pin
Head cable outlet	straight
Head thread type	M8

Cable/line

Cable length	0.5 m
Cable type	PVC litz wire
Signal type/category	DeviceNet™
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
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C

Standards and regulations

M8

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

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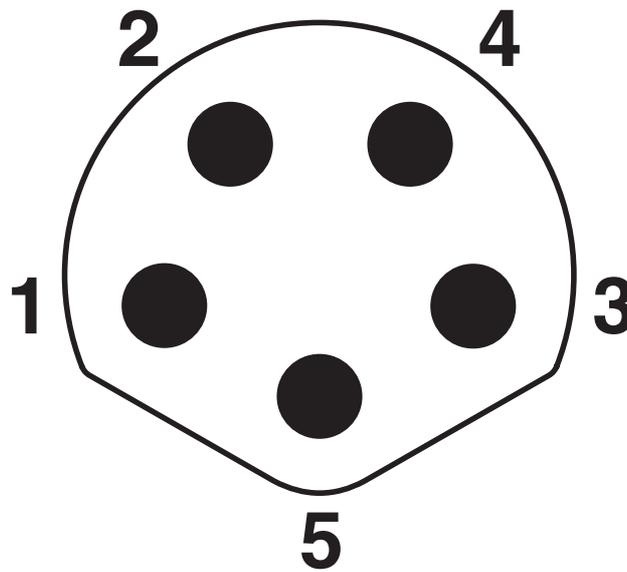https://www.phoenixcontact.com/pc/products/1440119

Drawings

Schematic diagram

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

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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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