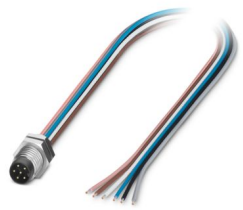
SACC-DSI-M8MS-6CON-M8/0,1-0,08 - Device connector rear mounting

1426207

https://www.phoenixcontact.com/us/products/1426207

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Device connector rear mounting, Universal, 6-position, Pin, M8, A-coding, on free cable end, Individual wires

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	1426207
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQJAG
GTIN	4055626449258
Weight per piece (including packing)	6.6 g
Weight per piece (excluding packing)	4 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Mounting

Mounting type	Rear mounting (M8 x 1, with flat nut)

Product properties

Product type	Circular connectors (device side)
Application	Data
Number of positions	6
No. of cable outlets	1
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Material grommet GRP	FKM
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR/PA 6.6
Material for screw connection	Brass, nickel-plated

Electrical properties

Nominal voltage U_N	30 V AC
	30 V DC
Nominal current I_N	2 A

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Pin

Interfaces

Signal type/category	Universal

Connector

Connection 1

Head design	Pin
Head thread type	M8

Coding	A

Connection 2

Head design	free cable end

Cable/line

Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-10 °C ... 105 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

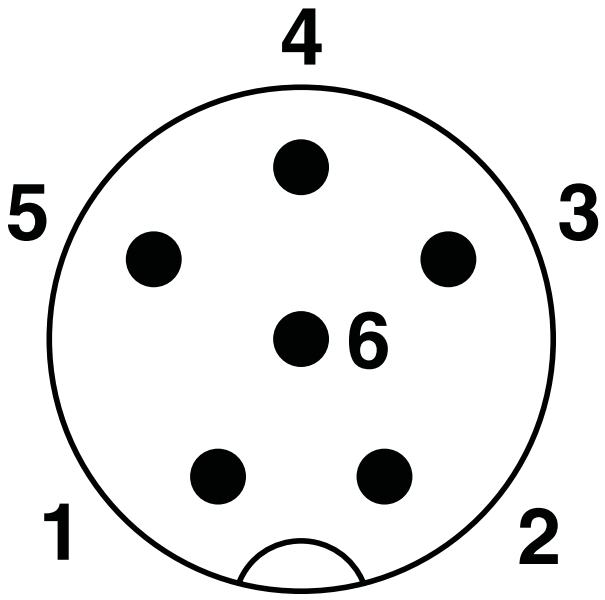
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug)
Ambient temperature (operation) (Cable, fixed installation)	-40 °C ... 105 °C (cable, fixed installation)
Ambient temperature (operation) (Cable, flexible installation)	-10 °C ... 105 °C (Cable, flexible installation)

Standards and regulations

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

Drawings

Schematic diagram



Pin assignment M8 plug, 6-pos., view male side

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1426207

cUL Recognized
Approval ID: E221474-20070307

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	1.5 A	26	-

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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	3c651d71-9ece-4783-84b3-aff15128b64d

EF3.1 Climate Change

CO2e kg	1.265 kg CO2e

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