SACC-DSI-M 8MS-4CON-L180 SH - Device connector rear mounting

1456019

https://www.phoenixcontact.com/us/products/1456019

Device connector rear mounting, Universal, 4-position, Pin, straight, M8, Rear mounting, M8 x 1, Wave soldering

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- Standard pin assignments and codings for signal transmission with a uniform design-in design
- For high transmission reliability: optional shield connection to the housing and latching on the PCB

Commercial data

Item number	1456019
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB22
Product key	ABQJAA
Catalog page	Page 229 (C-2-2013)
GTIN	4046356605946
Weight per piece (including packing)	6.13 g
Weight per piece (excluding packing)	5.976 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Rear mounting M8 x 1 With flat nut
Assembly instructions	With flat nut

Product properties

Product type	Circular connectors (device side)
Sensor type	Universal
Number of positions	4
Shielded	yes
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Rated surge voltage	1.5 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Pin
Tightening torque	1 Nm ... 1.5 Nm (Installation-side)

Connector

Connection 1

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Head design	Pin
Head cable outlet	straight
Head thread type	M8

Cable/line

Signal type/category	Universal

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-40 °C ... 85 °C
	-25 °C ... 85 °C

Standards and regulations

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

Drawings

Schematic diagram
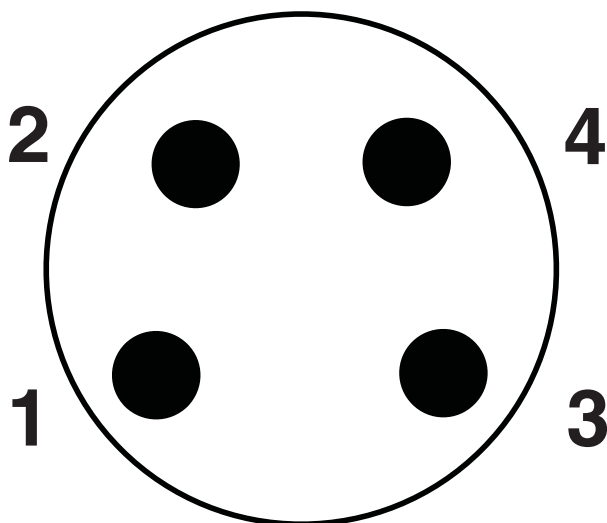
Pin assignment M8 plug, 4-pos., view male side

Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1456019

cUL Recognized
Approval ID: E221474-20070307

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	30 V	4 A	24 - 24	-

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cULus Recognized

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	8064f459-fa3d-444d-80fd-4c0be55af2fd

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