

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



1694376

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Device connector rear mounting, 4-position, Socket, straight, M8, coding: A, Rear mounting, M12 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	1694376
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	ABQJBI
Product key	ABQJBI
Catalog page	Page 226 (C-2-2013)
GTIN	4017918178659
Weight per piece (including packing)	13.5 g
Weight per piece (excluding packing)	13.5 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Rear mounting M12 x 1 With flat nut
Assembly note	With flat nut

Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	no
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	CuSn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

Electrical properties

Rated surge voltage	1.5 kV
Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
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	Socket
Tightening torque	1 Nm ... 1.5 Nm (Installation-side)

Connector

Connection 1

Head design	Socket
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Head cable outlet	straight
Head thread type	M8
Coding	A

Environmental and real-life conditions

Ambient conditions

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

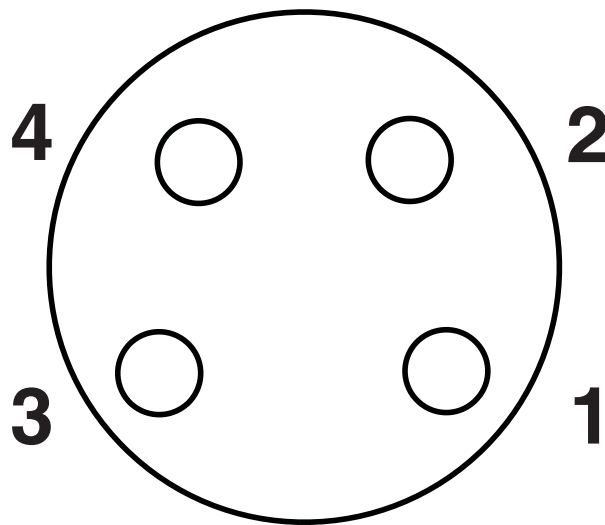
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Drawings

Schematic diagram





Pin assignment M8 socket, 4-pos., view female side

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1694376>

<div> cUL Recognized Approval ID: E221474-20070307</div>				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	30 V	4 A	-	-

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Classifications

ECLASS		
	ECLASS-13.0	27440110
ETIM		
	ETIM 9.0	EC003569
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	7c883a18-8dcf-4a88-a26e-3b987ee3b9ab

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