

SACC-DSI-M8FS-5CON-M10-L180 DN - Device
connector rear mounting

1424241
<https://www.phoenixcontact.com/us/products/1424241>

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Device connector rear mounting, 5-position, Socket, straight, M8, B-coding, Wave soldering

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- For high transmission reliability: optional shield connection to the housing and latching on the PCB

Commercial data

Item number	1424241
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQJBB
GTIN	4046356712538
Weight per piece (including packing)	6.79 g
Weight per piece (excluding packing)	5.1 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Rear mounting (M10, with flat nut)
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Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	yes
Coding	B
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	Cu alloy
Material Contact surface	Au
Flammability rating according to UL 94	HB

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	30 V AC
	30 V DC
Nominal current I_N	3 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Socket

Connector

Connection 1

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

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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C
Ambient temperature (operation)	-25 °C ... 85 °C

Standards and regulations

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

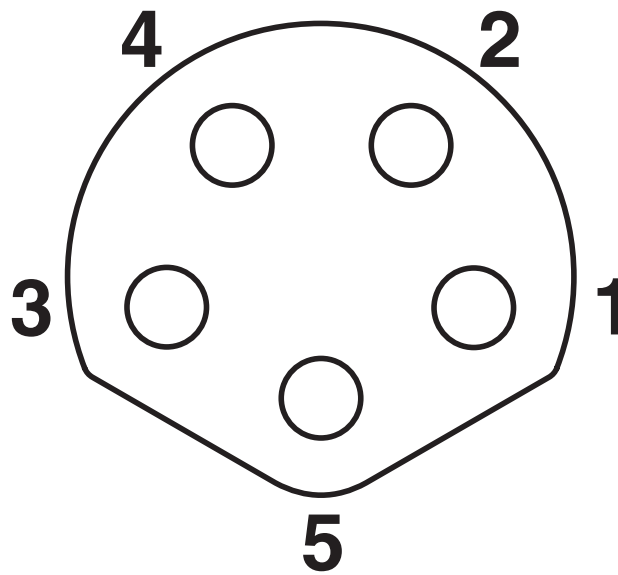
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Drawings

Schematic diagram



connector pin assignment of M8 socket, 4-pos., view of pin side

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Approvals

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 cUL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	4 A	24	-

 UL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 9.0	EC003568
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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	36920a30-dc71-4ad5-9a08-386308640d1c

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