

SACC-DSI-M8MS-5CON-M8-L180 DN - Device
connector rear mounting

1424242
<https://www.phoenixcontact.com/us/products/1424242>

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Device connector rear mounting, 5-position, Pin, 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	1424242
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQJAA
GTIN	4046356712545
Weight per piece (including packing)	6.365 g
Weight per piece (excluding packing)	6.17 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)
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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	Pin

Connector

Connection 1

Head design	Pin
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)	-25 °C ... 85 °C
	-25 °C ... 85 °C

Standards and regulations

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

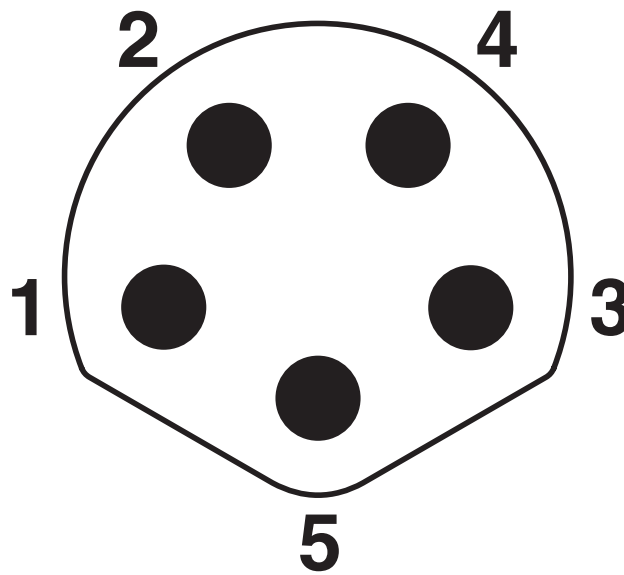
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Drawings

Schematic diagram



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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424242>

 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	bac2621c-3cb0-4334-97b9-671fbd442fed

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