

SACC-DSIV-MSB-5CON-L90 SCOX - Device connector rear mounting



1239624

<https://www.phoenixcontact.com/us/products/1239624>

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Device connector rear mounting, 5-position, Pin, angled, M12-SPEEDCON, B-coding, Solder pins, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Commercial data

Item number	1239624
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ABQEGI
GTIN	4063151426415
Weight per piece (including packing)	12.97 g
Weight per piece (excluding packing)	9.238 g
Country of origin	DE

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Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
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Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	B
Thread type	M12

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	CuZn
Material Contact surface	Ni/Au
Material Seal	NBR
Flammability rating according to UL 94	V0
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	60 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Solder pins
Contact connection type	Pin

Connector

Connection 1

Head design	Pin
Head cable outlet	angled
Head thread type	M12

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Head locking type	SPEEDCON
Coding	B

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

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Drawings

Schematic diagram



Pin assignment M12 male connector, 5-pos., B-coded, male side

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Classifications

ECLASS

ECLASS-13.0	27440110
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ETIM

ETIM 9.0	EC003569
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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