

1456572

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Device connector rear mounting, 5-position, Pin, straight, M12-SPEEDCON, coding: B, Rear mounting, Pg9, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239822

Your advantages

- · Easy PCB assembly: one-piece connectors for wave soldering
- · All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- · For high transmission reliability: optional shield connection to the housing by means of shield contact

Commercial data

Item number	1456572
Packing unit	20 рс
Minimum order quantity	20 pc
Note	Made to order (non-returnable)
Sales key	AB26
Product key	ABQEGB
Catalog page	Page 62 (PC-2011)
GTIN	4046356617130
Weight per piece (including packing)	14.465 g
Weight per piece (excluding packing)	14.465 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

rder information:	Lock nut is included in the scope of delivery
nting	
Mounting type	Rear mounting Pg9 With flat nut
Assembly note	With flat nut
luct properties	
Product type	Circular connectors (device side)
Application	Data
Number of positions	5
Shielded	yes
Coding	В
Thread type	M12
ulation characteristics	
Overvoltage category	П
Degree of pollution	3
ensions	
Length of the solder pin	6 mm
	6 mm
erial specifications	
Flammability rating according to UL 94	VO
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated
trical properties	
Rated surge voltage	1.5 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	60 V
Nominal current I _N	4 A

Connection data

Conductor connection	
Connection method	Wave soldering

SACC-DSI-MSB-5CON-L180/SH GN - Device

connector rear mounting



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Contact connection type	Pin		
Mechanical properties			
Mechanical data			
Insertion/withdrawal cycles	> 100		
Connector			
Connection 1			
Head design	Pin		
Head cable outlet	straight		
Head thread type	M12		
Head locking type	SPEEDCON		
Coding	В		
Environmental and real-life conditions			
Ambient conditions			

Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
	IP65/IP67
Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)

Standards and regulations

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

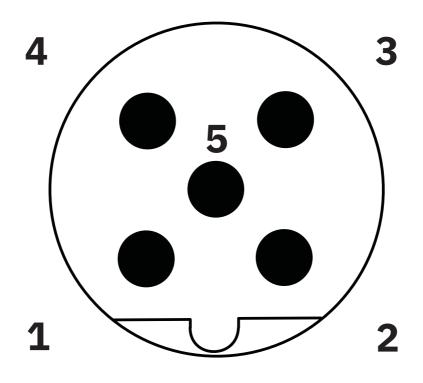


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Drawings

Schematic diagram



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



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Approvals

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CULus Recognized Approval ID: E221474-20140616				
Nomina	Il voltage U _N I	Nominal current I _N	Cross section AWG	Cross section mm ²
60 V		4 A	-	-

Approval ID: E118976-20100522				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	60 V	4 A	22 - 22	-



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Classifications

ECLASS

	ECLASS-11.0	27440102
	ECLASS-12.0	27440116
	ECLASS-13.0	27440116
ET	IM	
	ETIM 9.0	EC002635
UN	SPSC	
	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	9bcc6dc6-0f08-4427-ae50-5159753fbe46



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Accessories

SACC-M16-KD-NUT-SH - EMC nut

1440164 https://www.phoenixcontact.com/us/products/1440164

EMC nut, Threads, M16 x 1.5, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239703



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