

1436576

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Device connector rear mounting, 5-position, Socket, angled, M12-SPEEDCON, coding: B, Rear mounting, M12 x 1, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239620

## Commercial data

Item number	1436576	
Packing unit	10 pc	
Minimum order quantity	10 pc	
Sales key	AB26	
Product key	ABQEHI	
Catalog page	Page 189 (C-2-2013)	
GTIN	4046356438643	
Weight per piece (including packing)	13.92 g	
Weight per piece (excluding packing)	13.4 g	
Customs tariff number	85366990	
Country of origin	DE	



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## Technical data

#### Notes

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

Lock nut is included in the scope of delivery

## Product properties

Order information:

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

#### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

## Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	60 V
Nominal current I <sub>N</sub>	4 A

#### Connection data

#### Conductor connection

Connection method	Solder pins
Contact connection type	Socket

### Connector

#### Connection 1

Head design	Socket



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Head cable outlet	angled
Head thread type	M12
Head locking type	SPEEDCON
Coding	В

#### Environmental and real-life conditions

#### Ambient conditions

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

## Standards and regulations

### M12

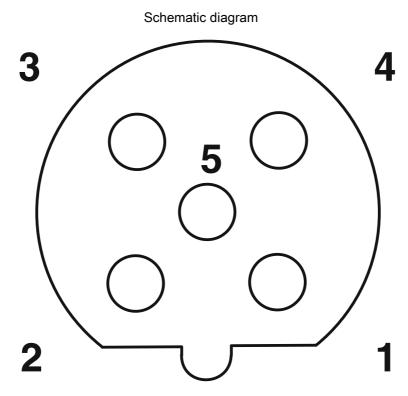
Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101



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# Drawings



Pin assignment M12 socket, 5-pos., B-coded, female side



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# Approvals

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UL Recognized Approval ID: E118976-20100522					
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		60 V	4 A	22 - 22	-



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## Classifications

UNSPSC 21.0

### **ECLASS**

202.00			
	ECLASS-11.0	27440102	
	ECLASS-12.0	27440116	
	ECLASS-13.0	27440116	
ETIM			
	ETIM 9.0	EC002635	
UNSPSC			
ETIM 9.0 EC002635			
31.0. 33			

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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	360b11e8-026c-4b48-be81-0cc14171050d

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