

1534627

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Bus system flush-type socket, Ethernet, 4-pos., M12, shielded, D-coded, rear/screw mounting, with straight solder connection

Your advantages

• Standard pin assignments and codings for signal transmission with a uniform design-in design

Commercial data

Item number	1534627
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQEHI
Catalog page	Page 262 (C-2-2013)
GTIN	4046356026796
Weight per piece (including packing)	14.79 g
Weight per piece (excluding packing)	14.51 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Notes

Mounting

Mounting type	Rear mounting M12 x 1 With locking nut
Assembly note	With locking nut

Product properties

Product type	Circular connectors (device side)
Application	Data
	Signal
Number of positions	4
Shielded	yes
Coding	D
Thread type	M12
Tilleau type	IVIIZ

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	НВ
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

Electrical properties

Rated surge voltage	1.5 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	250 V
Nominal current I _N	4 A

Connection data

Conductor connection



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Connection method	Solder pins
Contact connection type	Socket
Tightening torque	1 Nm 1.5 Nm (Installation-side)

Mechanical properties

Mechanical data

Wedianical data		
	Insertion/withdrawal cycles	> 100

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	D

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C 85 °C (Plug / socket)
	-40 °C 85 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

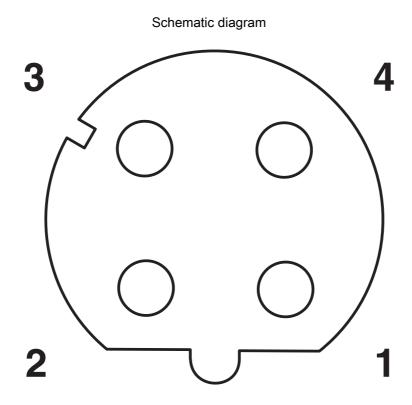
Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101



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Drawings



Pin assignment M12 socket, 4-pos., D-coded, female side



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1534627

.51	cUL Recognized Approval ID: FILE E 221474				
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		250 V	4 A	-	-

<i>9</i> 7	UL Recognized Approval ID: FILE E 221474					
		Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²	
		250 V	4 A	-	-	

7.1	UL Recognized Approval ID: E221474-20	0070307			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		250 V	4 A	-	-

cUL Recognized Approval ID: E221474-	cUL Recognized Approval ID: E221474-20070307			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	250 V	4 A	-	-



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Classifications

UNSPSC 21.0

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	ECLASS-13.0	27440110
ΕT	ПМ	
	ETIM 9.0	EC003568
UN	NSPSC	

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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	f785135d-8075-4150-8f3f-5b5a35a3b3ce

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