

PDCC-MINMS-4CON - Connector



1559242

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Connector, 4-position, Plug straight 7/8"-16UNF, coding: A, Screw connection, knurl material: Brass, nickel-plated, external cable diameter 8 mm ... 17 mm

Commercial data

Item number	1559242
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF37
Product key	AF2ICB
GTIN	4067923039810
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	US

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Technical data

Notes

Assembly note	with packaging
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Product properties

Product type	Circular connector (cable-side)
Number of positions	4
Shielded	no

Dimensions

External dimensions	
Outside diameter	8 mm ... 17 mm

Material specifications

Seal material	NBR
Material of grip body	Black polyamide
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PVC
Material for screw connection	Brass, nickel-plated

Connection data

Conductor connection	
Connection method	Screw connection
Connection cross section AWG	22 ... 14
Tightening torque	7/8" connector

Electrical properties

Nominal voltage U_N	600 V (UL rating)
	50 V AC (IEC rating)
Nominal current I_N	15 A (15 A (14AWG), 10 A (16AWG), 8 A (18AWG), 4 A (20-22AWG))

Connector

Connection 1	
Head design	Plug
Head cable outlet	straight
Head thread type	7/8"-16UNF
Coding	A

Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP67
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Standards and regulations

Standards/specifications	UL 2238
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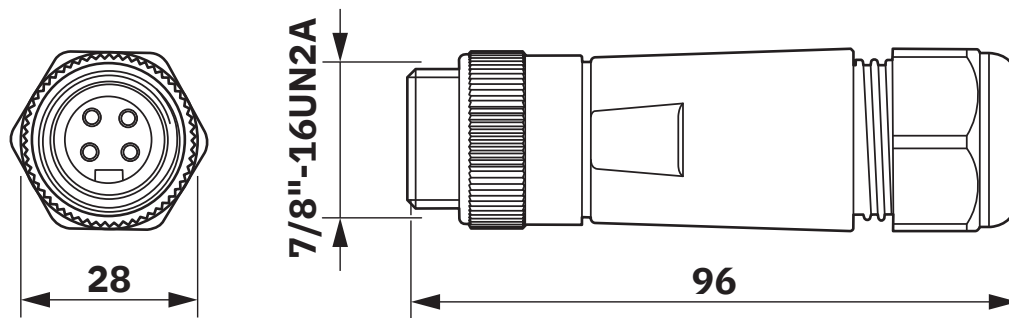
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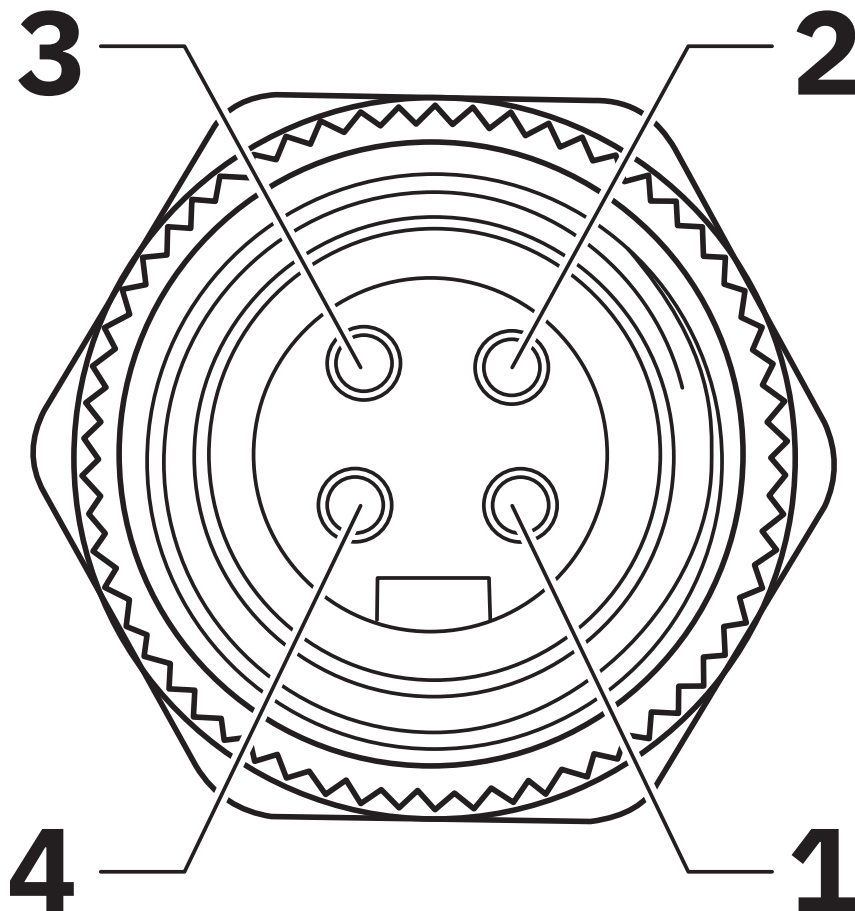
Drawings

Dimensional drawing



Plug 7/8"-16UNF, straight

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 4-pos., view of male side

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1559242>



cULus Listed

Approval ID: E221474

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Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 9.0	EC002635
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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)
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