

# PDCC-MINMS-4CON - Connector

1559242

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

## Standards and regulations

Standards/specifications

UL 2238

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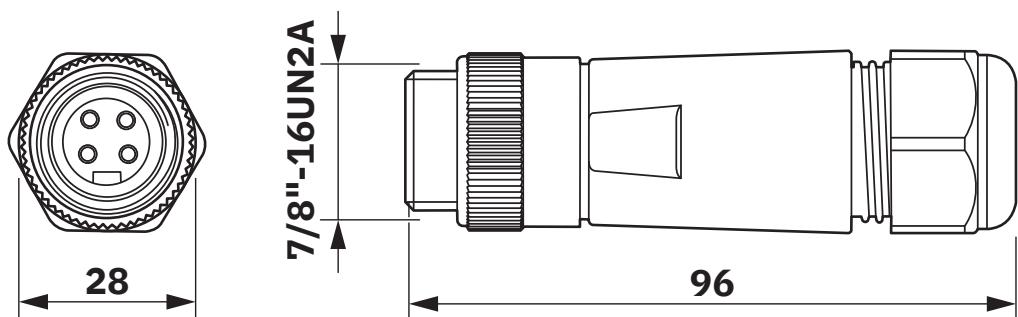
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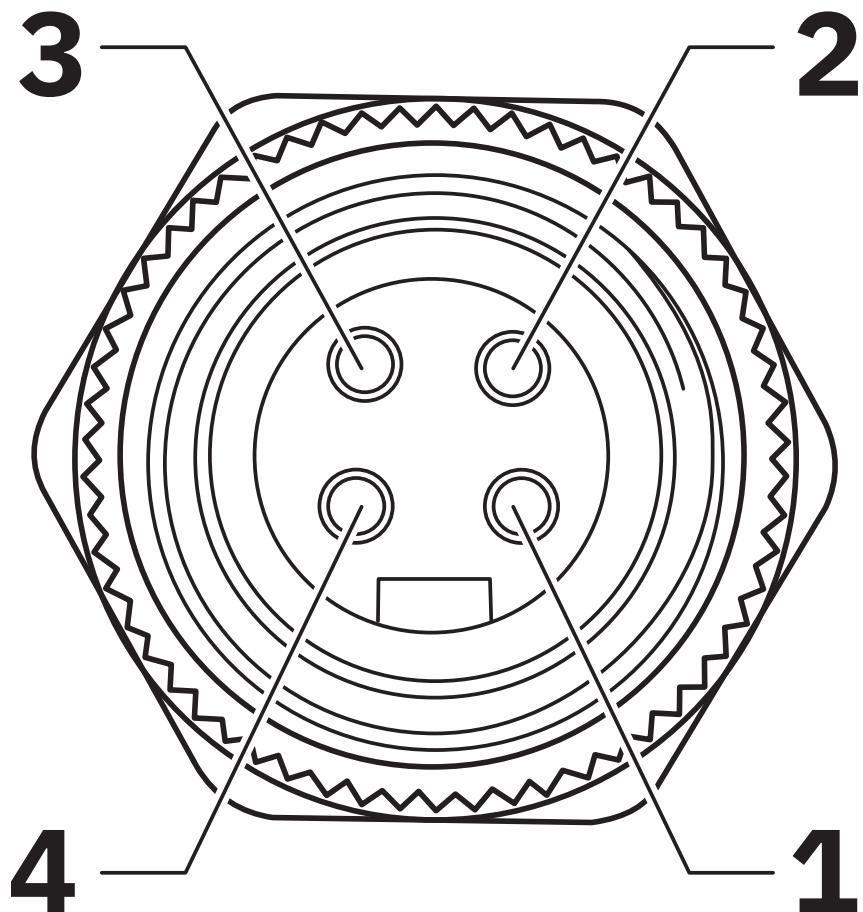
## Drawings

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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