

PDCC-MINMS-5CON - Connector



1559244

<https://www.phoenixcontact.com/us/products/1559244>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Connector, 5-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	1559244
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF37
Product key	AF2ICB
GTIN	4067923039759
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	US

PDCC-MINMS-5CON - Connector

1559244

<https://www.phoenixcontact.com/us/products/1559244>



Technical data

Notes

Assembly note	with packaging
---------------	----------------

Product properties

Product type	Circular connector (cable-side)
Number of positions	5
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	12 A (12 A (14 AWG), 8 A (16 AWG), 5.5 A (18 AWG), 4 A (20 - 22 AWG))

Connector

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

Environmental and real-life conditions

PDCC-MINMS-5CON - Connector



1559244

<https://www.phoenixcontact.com/us/products/1559244>

Ambient conditions

Degree of protection	IP67
----------------------	------

Standards and regulations

Standards/specifications	UL 2238
--------------------------	---------

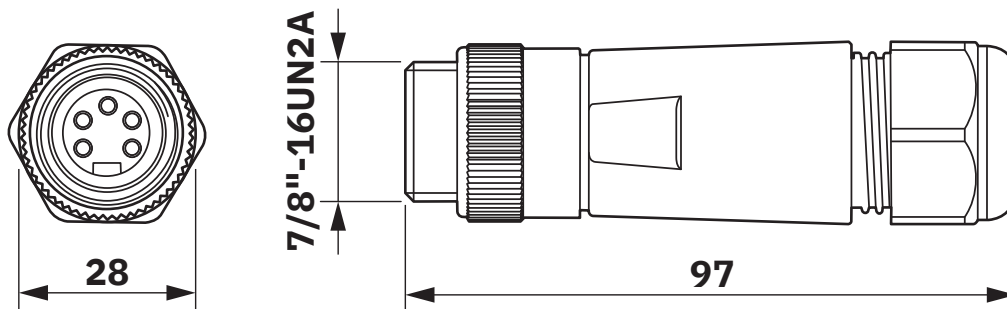
PDCC-MINMS-5CON - Connector

1559244

<https://www.phoenixcontact.com/us/products/1559244>

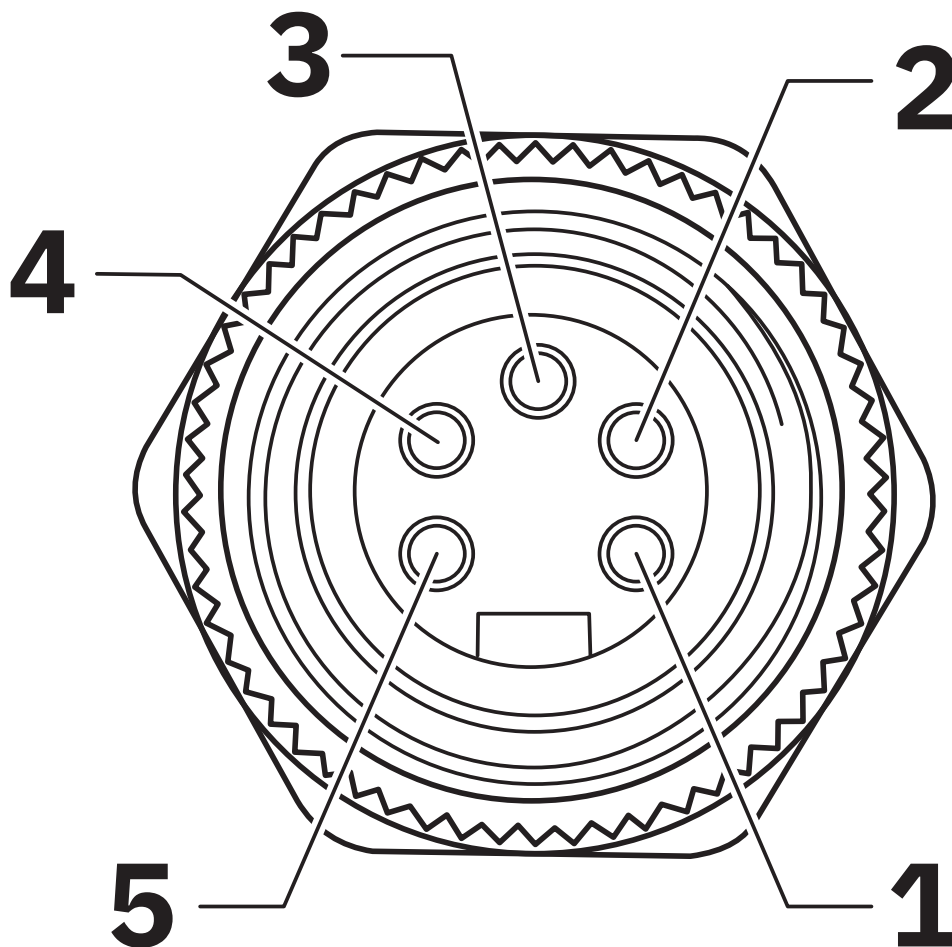
Drawings

Dimensional drawing



Plug 7/8"-16UNF, straight

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 5-pos., view of male side

PDCC-MINMS-5CON - Connector



1559244

<https://www.phoenixcontact.com/us/products/1559244>

Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 9.0	EC002635
----------	----------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com