

CA-17M1N8A9504 - Coupler connector



1619994

<https://www.phoenixcontact.com/us/products/1619994>

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.



M23, Coupler connector, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 10 mm ... 14.5 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1619994
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEG
GTIN	4046356820004
Weight per piece (including packing)	94.3 g
Weight per piece (excluding packing)	87.683 g
Customs tariff number	85366990
Country of origin	DE

CA-17M1N8A9504 - Coupler connector



1619994

<https://www.phoenixcontact.com/us/products/1619994>

Technical data

Notes

Order information:	Order 17 x 1 mm crimp contacts separately
--------------------	---

Product properties

Product type	Circular connector (cable-side)
--------------	---------------------------------

Connector

Insulating body

Note	Order information: Order 17 x 1 mm crimp contacts separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Feedback, signal
	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Number Contact (Signal contacts)	17
Diameter Contact (Signal contacts)	1 mm
Litz wire cross-section min. Contact (Signal contacts)	0.06 mm ²
Litz wire cross-section max. Contact (Signal contacts)	1 mm ²
Rated current Contact (Signal contacts)	8 A (for max. connection cross section)
Rated voltage Contact (Signal contacts)	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Type	Coupling housing
Thread type	M23
Design	straight
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Material for screw connection	CuZn
Degree of protection (plugged in)	IP67

Seal

External cable diameter	10 mm ... 14.5 mm
-------------------------	-------------------

CA-17M1N8A9504 - Coupler connector



1619994

<https://www.phoenixcontact.com/us/products/1619994>

Seal material	FPM
---------------	-----

Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	-40 °C ... 125 °C

CA-17M1N8A9504 - Coupler connector

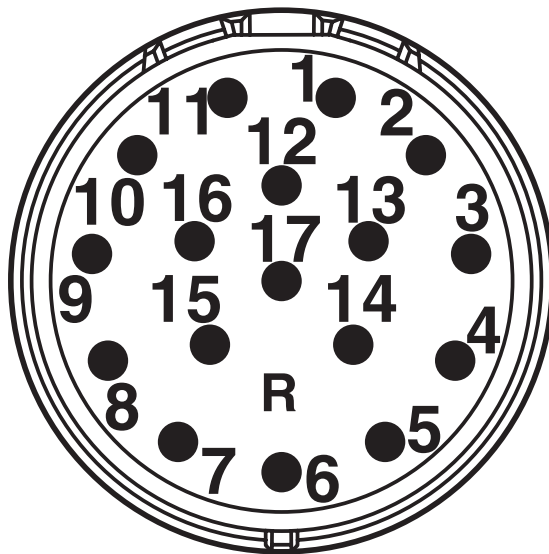


1619994

<https://www.phoenixcontact.com/us/products/1619994>

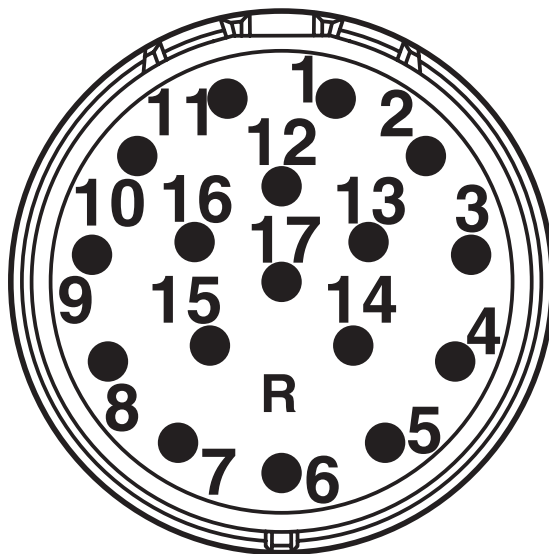
Drawings

Schematic diagram



Contact chamber numbering (view of plug-in side), standard pin

Schematic diagram



Contact chamber numbering (view of plug-in side), standard pin

CA-17M1N8A9504 - Coupler connector



1619994

<https://www.phoenixcontact.com/us/products/1619994>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619994>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	48 V	5 A	18	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	48 V	8 A	18	-

CA-17M1N8A9504 - Coupler connector



1619994

<https://www.phoenixcontact.com/us/products/1619994>

Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

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

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

CA-17M1N8A9504 - Coupler connector



1619994

<https://www.phoenixcontact.com/us/products/1619994>

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	6ec03cc3-e33b-4c48-bc1c-1fd021503c69

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