

## Coupler connector - CA-17M1N8A9504 - 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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Coupling connector, CA, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 17, type of contact: Pin, Crimp connection, cable diameter range: 10 mm ... 14.5 mm

The figure shows the 12-pos. product version

### 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

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 820004
GTIN	4046356820004
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Temperature range

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

#### Data of the insulating body

Note	Order information: Order 17 x 1 mm crimp contacts separately
Coding	N
Insulator material	PA 6.6

## Coupler connector - CA-17M1N8A9504 - 1619994

### Technical data

#### Data of the insulating body

Contact connection method	Crimp connection
Type of contacts	Pin
Application	Feedback, signal
Number of positions	17
Direction of rotation	Standard
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	1 mm <sup>2</sup>
Nominal current per signal contact	8 A
Rated voltage of signal contact	100 V
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP67
Thread type	M23

#### Cable seal data

Cable diameter	10 mm ... 14.5 mm
Sealing material	FPM

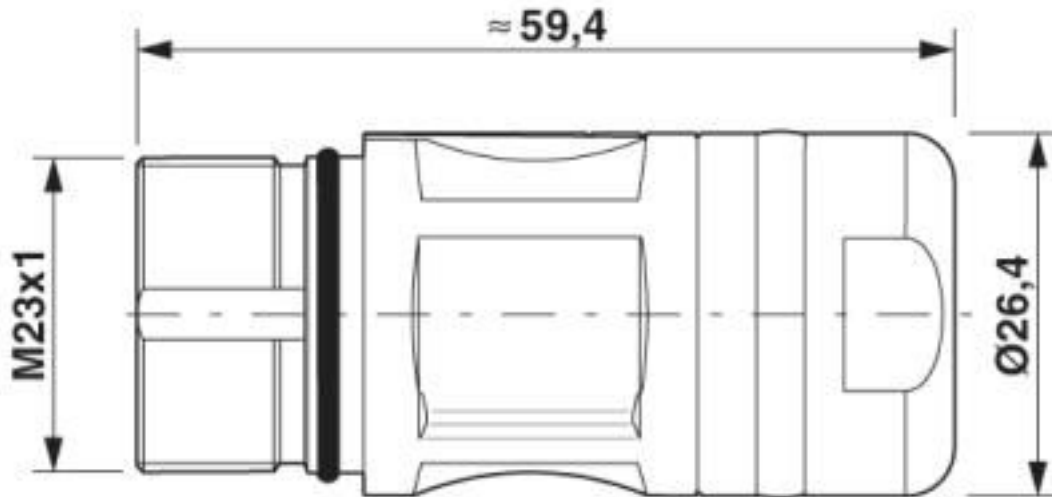
#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

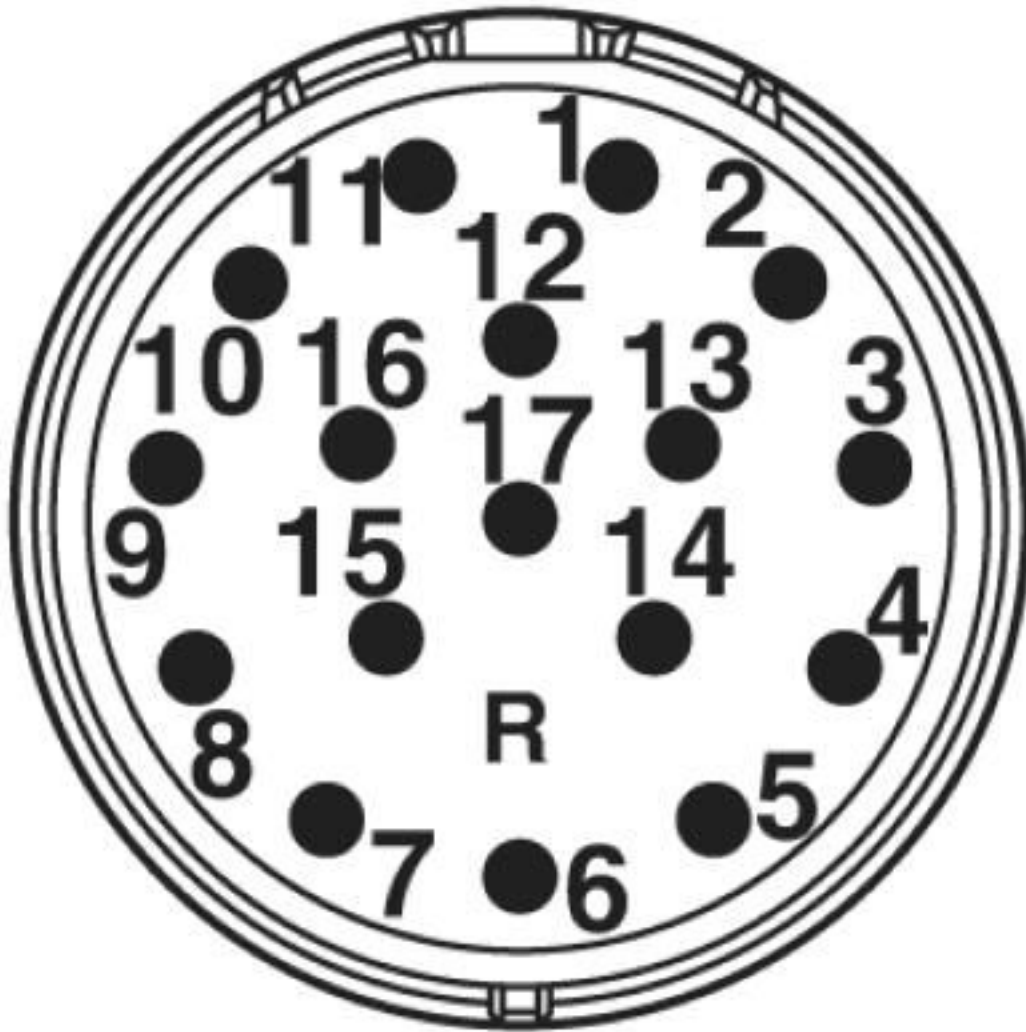
## Coupler connector - CA-17M1N8A9504 - 1619994

Dimensional drawing



## Coupler connector - CA-17M1N8A9504 - 1619994

Schematic diagram



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

### Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700

# Coupler connector - CA-17M1N8A9504 - 1619994

## Classifications

### eCl@ss

eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440102

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635
ETIM 6.0	EC002061

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

## Approvals

### Approvals

---

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

---

Ex Approvals

---

Approval details

# Coupler connector - CA-17M1N8A9504 - 1619994

## Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E335019-20141210
Nominal voltage UN		100 V	
Nominal current IN		8 A	
mm <sup>2</sup> /AWG/kcmil		18	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E335019-20141210
Nominal voltage UN		100 V	
Nominal current IN		5 A	
mm <sup>2</sup> /AWG/kcmil		18	

EAC		B.01687
-----	--	---------

cULus Recognized	
------------------	--

## Accessories

### Accessories

#### Crimp contact

Crimp contact - SF-6CP2000 - 1605559



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm<sup>2</sup> ... 0.25 mm<sup>2</sup>

## Coupler connector - CA-17M1N8A9504 - 1619994

### Accessories

Crimp contact - SF-10KP004 - 1607355



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

---

Crimp contact - SF-6AP2000 - 1605554



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>

---

### Mounting material

Color-coding - RF-Z0014 - 1620588



Color-coding, color: green

---

Color-coding - RF-Z0015 - 1620592



Color-coding, color: orange

---

Color-coding - RF-Z0016 - 1620593



Color-coding, color: black

---

## Coupler connector - CA-17M1N8A9504 - 1619994

### Accessories

#### Protective cover

Protective cap - SF-Z0019 - 1607449



Plastic protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

---

Protective cap - RC-Z2059 - 1604225



Plastic protection cap for connectors with M23 external thread

---

Plastic anti-static dust protection cap - RC-Z2469 - 1611797



Plastic protection cap, antistatic, for RF, SF, CA, RC series connectors, with M23 external thread

---

Metal protective cap - RC-Z2104 - 1604260



Metal protection cap for signal connectors with M23 external thread

---

Metal protective cap - RC-Z2068 - 1604236



Metal protection cap with steel wire for signal connectors with M23 external thread

---



