

## Coupler connector - CA-09P1N8A9006 - 1620134

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, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 8+1, Type of contact: Male connector, Crimp connection, Cable diameter: 4 mm ... 6 mm

The figure shows the 6-pos. product version

### Product Features

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



### Key Commercial Data

Packing unit	1 pc
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Temperature range

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

#### Data of the insulating body

Coding	N
Insulator material	PA 66
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	9
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Nominal voltage, power contact	300 V

# Coupler connector - CA-09P1N8A9006 - 1620134

## Technical data

### Data of the insulating body

Contact diameter of signal contacts	2 mm
Nominal current per signal contact at 25°C	20 A
Nominal voltage, signal contact	300 V
Overvoltage category	II
Degree of pollution	3

### Housing data

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

### Cable seal data

Min. cable diameter	4 mm
Max. cable diameter	6 mm
Sealing material	NBR

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	272607xx
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260702
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

# Coupler connector - CA-09P1N8A9006 - 1620134

## Approvals

Approvals

---

Approvals

UL Recognized / cUL Recognized / EAC

---


Ex Approvals

---

Approvals submitted

---

## Approval details

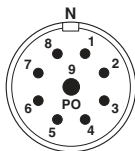
UL Recognized 

cUL Recognized 

EAC

## Drawings

Schematic diagram



Dimensional drawing

