

## Coupler connector - CA-07P1N8A90DN - 1620165

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Coupling connector, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 7, Type of contact: Male connector, Crimp connection, Cable diameter: 3 mm ... 14.5 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
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#### Data of the insulating body

Coding	N
Insulator material	PA 66
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	7
Contact diameter of power contacts	2 mm
Nominal current per power contact at 25°C	20 A
Nominal voltage, power contact	300 V

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## Technical data

### Data of the insulating body

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	3 mm
Max. cable diameter	14.5 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

## Approvals

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## Approvals

Approvals

UL Recognized / cUL Recognized / EAC

Ex Approvals

Approvals submitted

## Approval details

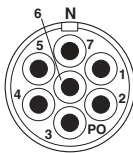
UL Recognized

cUL Recognized

EAC

## Drawings

Schematic diagram



Dimensional drawing

