

## Coupler connector - SM-5EP1N8A9003 - 1605771

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Coupler connector, straight short, Screw locking, M40, Number of positions: 2+3+PE, Type of contact: Male connector, Crimp connection, Shielded: Yes, Cable cross section: 12.5 mm...17 mm

The figure shows the 8-pos. (4+3+PE) product version



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	590.85 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information Order crimp contacts 2 x Ø 2 mm, 4 x Ø 3.6 mm separately
Type of locking	Screw locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	6
Contact diameter of power contacts	3.6 mm
Nominal current per power contact at 25°C	70 A
Contact diameter of signal contacts	2 mm
Nominal current per signal contact at 25°C	30 A
Conductor entry	12.5 mm ... 17 mm

#### Ambient conditions

Ambient temperature	-20 °C ... 125 °C
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## Technical data

### Ambient conditions

Degree of protection	IP67
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### Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

### Specifications according to DIN EN 61984:2001

Installation height max.	3000 m
Nominal / operating voltage of power contacts	630 V
Rated surge voltage of power contacts	6 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Nominal / operating voltage of signal contacts	250 V
Rated surge voltage of signal contacts	4 kV
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

### UNSPSC

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

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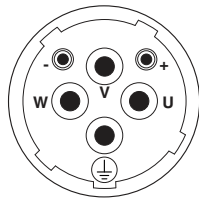
## Classifications

UNSPSC

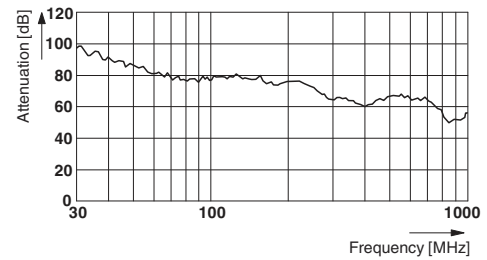
UNSPSC 13.2	43201404
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## Drawings

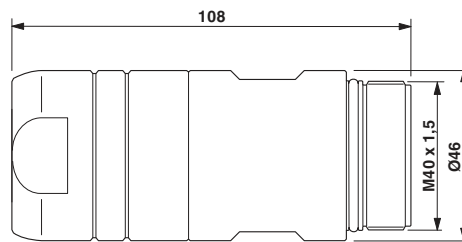
Schematic diagram



Diagram



Dimensioned drawing



SM-...P1N8A9003

Dimensioned drawing

