

## Cable connector - ST-6EP1N8A8002 - 1613556

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Cable connector, straight, Screw locking, M17, Number of positions: 6+PE, Type of contact: Male connector, Crimp connection, Shielded: Yes, Cable cross section: 3.5 mm...5 mm

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



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	62.62 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	7
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	1 mm
Conductor entry	3.5 mm ... 5 mm

#### Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

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## Technical data

### 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

## Classifications

### eCl@ss

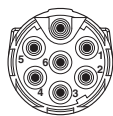
eCl@ss 4.0	272607xx
eCl@ss 4.1	272607xx
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708

### ETIM

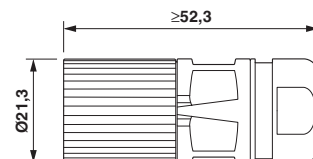
ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

## Drawings

Schematic diagram

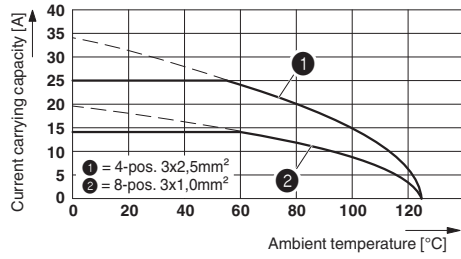


Dimensioned drawing



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Diagram



Diagram

