

## Cable connector - ST-6EP1N8A8005 - 1624546

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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 diameter: 10 mm...12.5 mm

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

### Product Features

- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly
- Flexible use: reliably connect various cable diameters
- Molded designs with pre-assembled cables on one or both sides



### Key Commercial Data

Packing unit	1 pc
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

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### Technical data

#### General

Conductor entry	10 mm ... 12.5 mm
Pg housing screw connection	none

#### Ambient conditions

Ambient temperature	-40 °C ... 125 °C
Degree of protection	IP67

#### 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
Overvoltage category of power contacts	III
Degree of pollution of power 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	27440102

#### 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
UNSPSC 13.2	43201404

### Approvals

#### Approvals

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## Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	1.0
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	600 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	1.0
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	600 V

EAC

cULus Recognized	
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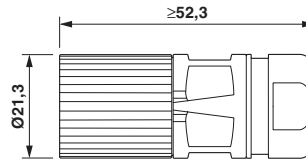
## Drawings

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Schematic diagram

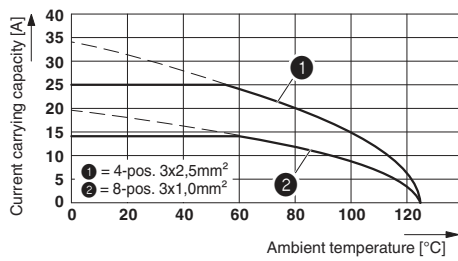


Dimensional drawing



Connector pin assignment

Diagram



Diagram

