

Cable connector - ST-8EP1N8A8005 - 1624636

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Cable connector, straight, Screw locking, M17, Number of positions: 5+3+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

Why buy this product

- 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 STK
GTIN	 4 046356 623032
Weight per Piece (excluding packing)	6.0 g
Weight per piece (including packing)	6.0 g
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

General

Note	Order information: Order crimp contacts 5 x 0.6 mm, 4 x 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	9
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	0.6 mm
Nominal current per signal contact at 25°C	3.6 A

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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
Nominal / operating voltage of signal contacts	60 V
Rated surge voltage of signal contacts	1.5 kV
Overvoltage category of signal contacts	III
Degree of pollution 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	27440102
eCl@ss 9.0	27440103

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

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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	0.5
Nominal current I _N	3.5 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm ² /AWG/kcmil	0.5
Nominal current I _N	3.5 A
Nominal voltage U _N	600 V

EAC

cULus Recognized 
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Drawings

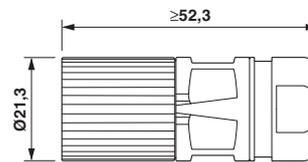
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Schematic diagram



Connector pin assignment

Dimensional drawing



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