

Cable connector - ST-5EP1N8A8004 - 1607701

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Cable connector, straight, Screw locking, M17, number of positions: 5+PE, type of contact: Pin, Crimp connection, shielded: yes, cable diameter range: 8 mm ... 10 mm

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

Your advantages

- ✓ 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
GTIN	 4 046356 274050
GTIN	4046356274050
Weight per Piece (excluding packing)	29.410 g
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

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Technical data

General

Type of contacts	Pin
Number of positions	6
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	8 mm ... 10 mm
Pg housing screw connection	none

Ambient conditions

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

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 6.6
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
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102

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Classifications

eCl@ss

eCl@ss 9.0	27440103
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ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413

Approvals


Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335019
Nominal voltage UN	600 V		
Nominal current IN	6 A		
mm ² /AWG/kcmil	18		

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EAC		B.01742
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cULus Recognized	
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Accessories

Accessories

Crimp contact

Crimp contact - ST-10KP010 - 1618255



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm²

Crimp contact - ST-10KP020 - 1618256



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.34 mm² ... 0.5 mm²

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Accessories

Crimp contact - ST-10KP035 - 1618458



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.25 mm² ... 1 mm²

Mounting material

Color-coding - ST-Z0016 - 1617993



Color-coding, color: green

Color-coding - ST-Z0017 - 1618049



Color-coding, color: orange

Color-coding - ST-Z0018 - 1618050



Color-coding, color: black

Square mounting flange with O-ring - ST-Z0002 - 1607771



Square mounting flange with O-ring, Axial O-ring, 4x Ø2,7

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Accessories

Square mounting flange with O-ring - ST-Z0003 - 1607772



Square mounting flange with O-ring, Axial O-ring, 4xM3

Square mounting flange - ST-Z0004 - 1607773



Square mounting flange, 4x Ø2,7

Square mounting flange - ST-Z0005 - 1607775



Square mounting flange, 4xM3

Protective cover

Protective cap - ST-Z0007 - 1607777



Plastic protection cap for connectors with M17 knurled nut and M17 SPEEDCON knurled nut
