

Cable connector - CA-17P1N8A8008S - 1619480

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Cable connector, CA, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 17, type of contact: Pin, Crimp connection, cable diameter range: 10 mm ... 14.5 mm, coding:N

The figure shows the 12-pos. product version with solder contacts

Your advantages

- ✓ Safe use in the field, thanks to high degree of protection
- ✓ Connector for flexible on-site assembly
- ✓ Consistent EMC protection for reliable transmission of signals
- ✓ Reduced connection time with SPEEDCON fast locking system
- ✓ Crimping connection: vibration- and temperature-resistant assembly



Key Commercial Data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356823708 |
| Weight per Piece (excluding packing) | 87.900 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Sales Key | ABRBFH |

Technical data

Temperature range

| | |
|-------------------|-------------------|
| Temperature range | -40 °C ... 125 °C |
|-------------------|-------------------|

Data of the insulating body

| | |
|--------------------|---|
| Note | Order information: Order crimp contacts Ø 1 mm separately |
| Coding | N |
| Insulator material | PA 6.6 |

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Technical data

Data of the insulating body

| | |
|---|-----------------------------------|
| Contact connection method | Crimp connection |
| Type of contacts | Pin |
| Application | Signal |
| Number of positions | 17 |
| Direction of rotation | Standard |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts min. | 0.08 mm ² |
| Litz wire cross section of signal contacts max. | 1 mm ² |
| Nominal current per signal contact | 8 A |
| Note | for max. connection cross section |
| Rated voltage of signal contact | 48 V AC |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Note | for max. connection cross section |

Housing data

| | |
|--|------------------|
| Housing material | CuZn, GD-Zn |
| Type of locking | SPEEDCON locking |
| Degree of protection (when plugged in) | IP67 |
| Thread type | M23 |

Cable seal data

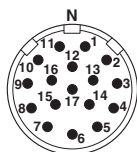
| | |
|------------------|-------------------|
| Cable diameter | 10 mm ... 14.5 mm |
| Sealing material | NBR |

Environmental Product Compliance

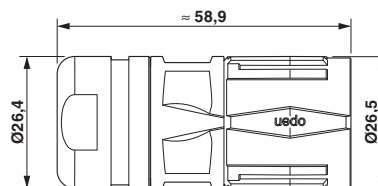
| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Schematic diagram



Dimensional drawing



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Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27440102 |
| eCl@ss 11.0 | 27440102 |
| 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 |
| eCl@ss 9.0 | 27440102 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| 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 |
| UNSPSC 18.0 | 39121413 |
| UNSPSC 19.0 | 39121413 |
| UNSPSC 20.0 | 39121413 |
| UNSPSC 21.0 | 39121413 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

| | | |
|----------------------------|--|--|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |
| Nominal voltage UN | | 48 V |
| Nominal current IN | | 5 A |
| mm ² /AWG/kcmil | | 20 |

| | | |
|----------------------------|--|--|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |
| Nominal voltage UN | | 48 V |
| Nominal current IN | | 3 A |
| mm ² /AWG/kcmil | | 20 |

| | | |
|-----|--|---------|
| EAC | | B.01687 |
|-----|--|---------|

| | | |
|------------------|--|--|
| cULus Recognized | | |
|------------------|--|--|

Accessories

Accessories

Circular connectors (device side)

Hook wrench - SF-Z0027 - 1607455



Hook wrench

Hook wrench - SF-Z0027 - 1607455



Hook wrench

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Accessories

Crimp contact

Crimp contact - RC-11P2000 - 1596770



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm²

Crimp contact - RC-12P2000 - 1597862



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.56 mm²

Crimp contact - RC-1KP2000 - 1602996



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

Crimp contact - RC-22P2000 - 1603321



Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm², Single contact

Crimp contact - RC-22P2300 - 1603324



Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

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Accessories

Crimp contact - RC-22P2400 - 1603325



Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Crimp contact - RC-21P2000 - 1603310



Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm², Single contact

Crimp contact - RC-21P2300 - 1603313



Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm²

Crimp contact - RC-21P2400 - 1611637



Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm²

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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Accessories

Color-coding - RF-Z0014 - 1620588



Color-coding, color: green

Color-coding - RF-Z0015 - 1620592



Color-coding, color: orange

Color-coding - RF-Z0016 - 1620593



Color-coding, color: black

Square mounting flange - RF-Z0003 - 1607905



Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Protective cover

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Accessories

Protective cap - RC-Z2058 - 1604223



Plastic protection cap for connectors with M23 knurled nut

Plastic anti-static dust protection cap - RC-Z2468 - 1611796



Plastic protection cap, antistatic, for connectors with M23 knurled nut

Metal protective cap - CA-Z0077 - 1627224



Metal protection cap with steel wire and loop, for M23 signal connectors with knurled nut for fastening to the cable

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