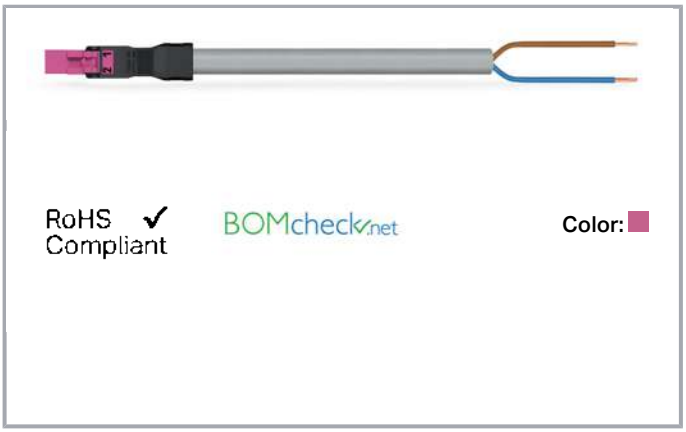
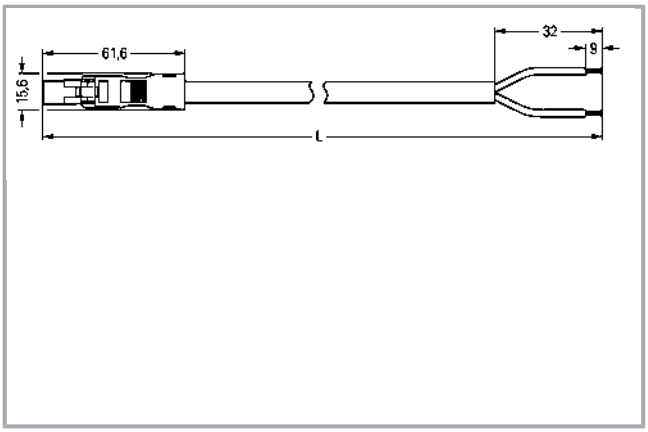
# Data sheet | Item number: 891-8992/205-207

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B; Control cable 2 x 1.0 mm²; 2 m; 1,00 mm²; pink

www.wago.com/891-8992_205-207




## Item description

- Protected against mismating and maintenance-free
- Compact design with 4.4 mm pole spacing
- Components can be clearly printed on and color-coded to meet custom requirements

**Note:**

Cables with a different fire class can be found in the eShop.

**Note on mismating protection:**

All WINSTA® components are 100% protected against mismating when:
a.) plugging different numbers of poles
b.) plugging while rotated 180
c.) plugging while laterally staggered
d.) plugging one pole

**Safety information 1:**

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.

## Data

### Electrical data

| | |
|---|---|
| Note on Contact Resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket |

Subject to changes. Please also observe the further product documentation!

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We are always happy to take your call at +49 (571) 887-44222.

## Ratings per IEC/EN 60664-1

| | |
|---|---|
| Ratings per | IEC/EN 60664-1 |
| Rated voltage (III / 3) | 250 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated current | 10 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

## Approvals per UL 1977

| | |
|---|---|
| Rated voltage per UL 1977 (factory wiring only) | 600 V |
| Rated current per UL 1977 (factory wiring only) | 14 A |

## Connection data

| | |
|---|---|
| Strip length | 9 mm / 0.35 inch |
| No. of poles | 2 |
| Total number of potentials | 2 |
| Conductor preparation | tip-bonded |
| Cable diameter | 5,9 … 7,5 mm |
| Cross section of single conductor | 1 mm² |
| Strip length | 32 mm |
| Connection type | Plug - Free end |

## Geometrical Data

| | |
|---|---|
| Pin spacing | 4,4 mm / 0.173 inch |
| Total length | 2 m |

## Mechanical data

| | |
|---|---|
| Coding | B |
| Mating force of a plug-in connection | approx. 20 … 70 N (depending on pole number) |
| Retention force of a plug-in connection | when locked: > 80N |
| Unmating force of a plug-in connection | when unlocked: approx. 20 … 70 N (depending on pole number) |
| Number of mating cycles | 200, without resistive load<br>100, with resistive load $I_N$ = 16 A, tested (1.5 mm²/16 AWG) |
| Connection type | Plug - free end |

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| | |
|---|---|
| Type of cable assembly | Connecting cable |
| Type of cable | Control line 2 x 1 |
| Marking | 1 2 |
| Protection class | IP20 |
| Note on protection class | IP40 when mated |
| Potential marking | 1 2 |

## Plug connection

| | |
|---|---|
| Mismating protection | Yes |
| Locking of plug-in connection | locking lever |
| Locking lever | retrofittable |

## Material Data

| | |
|---|---|
| Color | pink |
| Insulating material | Polyamide 66 (PA 66) |
| Reaction to fire class per EN 50575 | $E_{ca}$ |
| Contact material | Copper or copper alloy (surface-treated) |
| Connector color | pink |
| Printing color of mating face | black |
| Strain relief color | black |
| Printing color of strain relief | white |
| Color of sheathed cable | gray |
| Printing color of sheathed cable | black |
| Sheath material | PVC |
| Weight | 118.6 g |

## Environmental Requirements

| | |
|---|---|
| Processing temperature | -5 … +40 °C |
| Continuous operating temperature | -35 … +85 °C |
| Note on Continuous Service Temperature | PVC cable for temperatures ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 105 °C |

## Commercial data

| | |
|---|---|
| Packaging type | not packed |
| Country of origin | PL |
| GTIN | 4055143513326 |

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| | |
|---|---|
| Customs Tariff No. | 85444290900 |

## Counterpart

## Compatible products

**Locking lever**

| | | |
|---|---|---|
| | **Item no.: 890-101**<br>Locking lever; for manual operation; black | www.wago.com/890-101 |
| | **Item no.: 890-111**<br>Locking lever; for flying leads; for tool operation; black | www.wago.com/890-111 |
| | **Item no.: 890-121**<br>Locking lever; for manual operation; white | www.wago.com/890-121 |
| | **Item no.: 890-131**<br>Locking lever; for flying leads; for tool operation; white | www.wago.com/890-131 |

**assembling**

| | | |
|---|---|---|
| | **Item no.: 890-310**<br>Mounting carrier; 2- to 5-pole; for flying leads; black | www.wago.com/890-310 |
| | **Item no.: 890-311**<br>Mounting carrier; 2- to 5-pole; for flying leads; white | www.wago.com/890-311 |

## Downloads

### Documentation

**Bid Text**

| | | | |
|---|---|---|---|
| 891-8992/205-207<br>GAEB X81 - Datei | Feb 19, 2019 | xml<br>3.1 kB | Download |
| 891-8992/205-207<br>doc - Datei | Dec 2, 2014 | doc<br>25.1 kB | Download |

## Installation Notes

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## Product family

WINSTA® MINI special
Show all products from the family

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