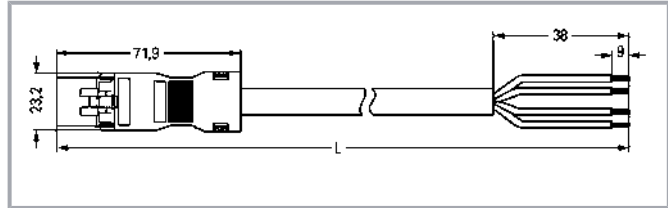


Data sheet | Item number: 891-8994/205-705

pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B;
Control cable 4 x 1.0 mm²; 7 m; 1,00 mm²; light green

www.wago.com/891-8994_205-705



Item description

Cable assembly **WINSTA®** MINI with strain relief

For power and signal transmission: The **WINSTA®** MINI cable assembly rated current 10 A. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in seconds. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. B coding enables the **WINSTA®** MINI pluggable installation connectors to be used for application control in automation, mechanical engineering and robotics. Where space is tight, our smallest pluggable connection system, **WINSTA®** MINI, consistently displays its advantages. It saves space, and, with Push-in **CAGE CLAMP®** spring pressure connection technology, it additionally saves time, since the connection is low-maintenance and can be performed without screw connections. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A plug and a free end are provided. The **WINSTA®** Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose durability and quality – the **WINSTA®** MINI pluggable installation connector with fire class E from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismating
- easy tool-free operation, a wide range of coding options
- for automation controllers
- flexible installation to save space
- rapid, structured electrical installation

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data Notes

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

| | |
|-----------|---|
| Variants: | Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ . |
|-----------|---|

Electrical data

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

IEC Approvals

| | |
|-------------------------------|---|
| Ratings per | IEC/EN 60664-1 |
| Rated voltage (III / 3) | 400 V |
| Rated impulse voltage (III/3) | 6 kV |
| Rated current | 10 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Ratings per UL

| | |
|------------------------|---|
| Note for the US market | 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. |
|------------------------|---|

Connection data

| | |
|----------------------------|---------------------------|
| Total number of potentials | 4 |
| Conductor preparation | ultrasonically tip-bonded |

Connection 1

| | |
|---------------------------------|-------------------|
| Strip length | 9 mm / 0.35 inch |
| Number of poles | 4 |
| Sheathed cable diameter | 7.1 ... 9 mm |
| Wire cross-section | 1 mm ² |
| Strip length (outer insulation) | 38 mm |
| Connection type | Plug - Free end |

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

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Physical data

| | |
|--------------|---------------------|
| Pin spacing | 4.4 mm / 0.173 inch |
| Total length | 7 m |

Mechanical data

| | |
|---|---|
| Application | Control technology |
| Coding | B |
| Variable coding | No |
| Marking | 1 2 3 4 |
| Potential Marking | 1 2 3 4 |
| 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 |
| Connection type | Plug - free end |
| Type of pre-assembled cable | Connecting cable |
| Cable type | Control line 4 x 1 |
| Protection type | IP20; IP40 when mated |

Plug-in connection

| | |
|-------------------------------|---|
| Mismating protection | Yes |
| 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 |
| Locking lever | Can be retrofitted |
| Locking of plug-in connection | locking lever |

Material data

| | |
|-------------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | light green |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Fire load | 0.119 MJ |

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



| | |
|----------------------------------|-------------|
| Connector color | light green |
| Printing color of mating face | black |
| Strain relief color | black |
| Sheathed cable color | gray |
| Printing color of sheathed cable | black |
| Halogen-free | No |
| Sheath material | PVC |
| Weight | 569.1 g |
| Copper weight of the pipe | 0.038 kg/m |

Environmental requirements

| | |
|--|---|
| Processing temperature | -5 ... +40 °C |
| Continuous operating temperature | -35 ... +85 °C |
| Note on continuous operating temperature | PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|-------------------------------------|---------------|
| Product Group | 20 (WINSTA) |
| PU (SPU) | 1 Stück |
| Packaging type | unpacked |
| Country of origin VKOrg Germany | PL |
| GTIN | 4055143068819 |
| Customs tariff number VKOrg Germany | 85444290900 |

Required accessories

Locking levers

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

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



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Optional accessories

Mounting

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

Cover

| | | |
|---|--|--|
| Other | | |
|  | Item no.: 897-2003 Protective cap; Type2; for sockets and plugs; PVC; red | www.wago.com/897-2003 |

Downloads

Documentation

Bid Text

| | | | |
|---------------------------------|-------------|----------------|----------|
| 891-8994/205-705 X81 - Datei | 2019 Feb 19 | xml 3.1 kB | Download |
| 891-8994/205-705 doc - Datei | 2014 Dec 2 | doc 25.6 kB | Download |

Environmental Product Compliance

Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 891-8994/205-705 pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B; Control cable 4 x 1.0 mm ² ; 7 m; 1,00 mm ² ; light green | URL | Download |
|--|-----|----------|

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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