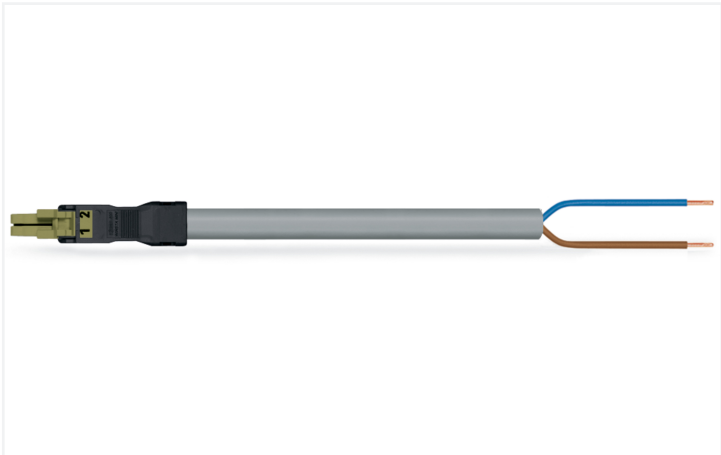




Color: ■ light green



Dimensions in mm

Cable assembly WINSTA® MINI B coding

For power and signal transmission: The WINSTA® MINI cable assembly with protection against mismating. WAGO pluggable installation connectors are used when requirements repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. The pluggable installation connector is protected against ingress by solid granular objects with a diameter below 1 mm in accordance with protection type IP40. Pluggable installation connectors with B coding from the WINSTA® MINI line are available in pink, light green, or gray, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Customer-specific pole marking is possible as well. WINSTA® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for example, since as a result of LED technology; due to complex systems, these offer much less space for the connection technology. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A socket and a free end are available. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose quality and durability – with protection type IP40 from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for controllers such as lighting fixtures and sun blinds
- ready for immediate use
- convenient installation and commissioning

| Notes     |                                                                                                                                                                                     |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note      | Cables with a different fire class can be found in the eShop.                                                                                                                       |
| Variants: | Other pole markings<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . |

| Electrical data      |  |                |     |    | General information                             |  |
|----------------------|--|----------------|-----|----|-------------------------------------------------|--|
| Ratings per          |  | IEC/EN 60664-1 |     |    | Note on contact resistance                      |  |
| Overvoltage category |  | III            | III | II | approx. 1 mΩ of contact resistance              |  |
| Pollution degree     |  | 3              | 2   | 2  | approx. 0.25 mΩ contact transition plug/ socket |  |
| Nominal voltage      |  | 250 V          | -   | -  |                                                 |  |
| Rated surge voltage  |  | 4 kV           | -   | -  |                                                 |  |
| Rated current        |  | 10 A           | -   | -  |                                                 |  |



| Connection data            |                           |                                 |                    |
|----------------------------|---------------------------|---------------------------------|--------------------|
| Total number of potentials | 2                         | Connection 1                    |                    |
| Conductor preparation      | ultrasonically tip-bonded | Strip length                    | 9 mm / 0.35 inches |
|                            |                           | Pole number                     | 2                  |
|                            |                           | Wire cross-section              | 1 mm²              |
|                            |                           | Strip length (outer insulation) | 32 mm              |
|                            |                           | Connection type                 | Socket - free end  |

| Physical data |  |                        |  |
|---------------|--|------------------------|--|
| Pin spacing   |  | 4.4 mm / 0.173 inches  |  |
| Width         |  | 15.6 mm / 0.614 inches |  |
| Height        |  | 13.2 mm / 0.52 inches  |  |
| Total length  |  | 1 m                    |  |

| Mechanical data                         |  |                                                               |  |
|-----------------------------------------|--|---------------------------------------------------------------|--|
| Use                                     |  | Control technology                                            |  |
| Coding                                  |  | B                                                             |  |
| Variable coding                         |  | No                                                            |  |
| Marking                                 |  | 1 2                                                           |  |
| Potential marking                       |  | 1 2                                                           |  |
| 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                         |  | Socket - free end                                             |  |
| Type of pre-assembled cable             |  | Connecting cable                                              |  |
| Cable type                              |  | Control line 2x1                                              |  |
| Protection type                         |  | IP40                                                          |  |

| Plug-in connection            |  |                                                                                                                                                                                                                                                                                                                  |  |
|-------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Mismating protection          |  | Yes                                                                                                                                                                                                                                                                                                              |  |
| Note on mismating protection  |  | All WINSTA® components are 100% protected against mismating when:<br>a.) plugging different numbers of poles<br>b.) plugging while rotated 180<br>c.) plugging while laterally staggered<br>d.) plugging one pole                                                                                                |  |
| Locking lever                 |  | Can be retrofitted                                                                                                                                                                                                                                                                                               |  |
| Locking of plug-in connection |  | Locking lever                                                                                                                                                                                                                                                                                                    |  |
| Note on locking system        |  | All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket). |  |

| Material data                      |  |                                                                          |  |
|------------------------------------|--|--------------------------------------------------------------------------|--|
| Note (material data)               |  | <a href="#">Information on material specifications can be found here</a> |  |
| Color                              |  | light green                                                              |  |
| Insulation material (main housing) |  | Polyamide (PA66)                                                         |  |
| Fire class per EN 50575            |  | E <sub>ca</sub>                                                          |  |
| Contact material                   |  | Copper or copper alloy; surface-treated                                  |  |
| Contact Plating                    |  | Tin                                                                      |  |
| Fire load                          |  | 0.13 MJ                                                                  |  |
| Connector color                    |  | light green                                                              |  |
| Strain relief color                |  | black                                                                    |  |



| Material data                    |  |             |
|----------------------------------|--|-------------|
| Sheathed cable color             |  | gray        |
| Printing color of sheathed cable |  | black       |
| Halogen-free                     |  | No          |
| Silicon-free                     |  | Yes         |
| Sheath material                  |  | PVC         |
| Rubber cable                     |  | No          |
| Weight                           |  | 51.8 g      |
| Copper weight of the pipe        |  | 0.0192 kg/m |

| Environmental requirements               |  |                                                                                                       |
|------------------------------------------|--|-------------------------------------------------------------------------------------------------------|
| Processing temperature                   |  | -5 ... +40 °C                                                                                         |
| Continuous operating temperature         |  | -35 ... +85 °C                                                                                        |
| Note on continuous operating temperature |  | Cable for temperatures ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 105 °C |

| Commercial data       |  |               |
|-----------------------|--|---------------|
| eCl@ss 10.0           |  | 27-44-06-04   |
| eCl@ss 9.0            |  | 27-44-06-04   |
| ETIM 9.0              |  | EC002587      |
| ETIM 8.0              |  | EC002587      |
| PU (SPU)              |  | 1 pcs         |
| Packaging type        |  | unpacked      |
| Country of origin     |  | PL            |
| GTIN                  |  | 4050821622482 |
| Customs tariff number |  | 85444290900   |

| Environmental Product Compliance |  |                         |
|----------------------------------|--|-------------------------|
| RoHS Compliance Status           |  | Compliant, No Exemption |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance  
891-8992/105-105

↓

| Documentation    |            |                 |  |   |
|------------------|------------|-----------------|--|---|
| Bid Text         |            |                 |  |   |
| 891-8992/105-105 | 19.02.2019 | xml<br>3.02 KB  |  | ↓ |
| 891-8992/105-105 | 02.12.2014 | doc<br>24.50 KB |  | ↓ |



| CAD/CAE-Data                          |  |
|---------------------------------------|--|
| CAE data                              |  |
| EPLAN Data Portal<br>891-8992/105-105 |  |
| WSCAD Universe<br>891-8992/105-105    |  |

| 1 Compatible Products    |
|--------------------------|
| 1.1 Required Accessories |
| 1.1.1 Locking system     |
| 1.1.1.1 Locking system   |



|                                                                                                 |                                                                                                 |                                                                                 |                                                                                 |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <a href="#">Item No.: 890-111</a><br>Locking lever; for flying leads; for tool operation; black | <a href="#">Item No.: 890-131</a><br>Locking lever; for flying leads; for tool operation; white | <a href="#">Item No.: 890-101</a><br>Locking lever; for manual operation; black | <a href="#">Item No.: 890-121</a><br>Locking lever; for manual operation; white |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|

| 1.2 Optional Accessories |
|--------------------------|
| 1.2.1 Cover              |
| 1.2.1.1 Cover            |



|                                                                                              |
|----------------------------------------------------------------------------------------------|
| <a href="#">Item No.: 897-2001</a><br>Protective cap; Type1; for sockets and plugs; PVC; red |
|----------------------------------------------------------------------------------------------|

| 1.2.2 Installation           |
|------------------------------|
| 1.2.2.1 Mounting accessories |



|                                                                                              |                                                                                              |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <a href="#">Item No.: 890-310</a><br>Mounting carrier; 2- to 5-pole; for flying leads; black | <a href="#">Item No.: 890-311</a><br>Mounting carrier; 2- to 5-pole; for flying leads; white |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)