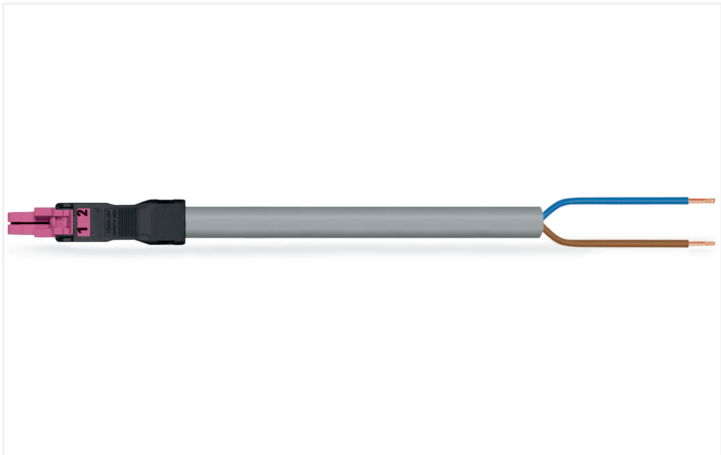




Color: ■ pink



Dimensions in mm

Cable assembly WINSTA® MINI with protection against mismating

The WINSTA® MINI cable assembly with protection type IP40 allows installation of solid and fine-stranded conductors. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in next to no time. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector is protected in accordance with protection type IP40. Users' fingers and tools will never come into contact with live elements. Pluggable installation connectors with B coding from the WINSTA® MINI line are available in gray, light green, or pink, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Usage-specific pole marking is possible, too. Especially if only limited space is available, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its advantages. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, since the connection is low-maintenance and requires no screw connections. According to the European CPR, the fire class of the cables used for construction is decisive for building safety as well. For buildings with medium-level safety requirements, cable assemblies with fire class E are suitable.

Fast, error-free assembly thanks to cable assemblies from WAGO

A socket and a free end are provided. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Now you can also reduce installation costs without compromising safety and quality: with protection against mismating reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for use in process automation, such as lighting technology, for instance
- flexible installation to save space
- quick replacement of defective units during ongoing operation

| 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                         |       |                                                                                                                                                                                                                                                                                                                  |    |  |
|-----------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--|
| Ratings per                             |       | IEC/EN 60664-1                                                                                                                                                                                                                                                                                                   |    |  |
| Overvoltage category                    | III   | III                                                                                                                                                                                                                                                                                                              | II |  |
| Pollution degree                        | 3     | 2                                                                                                                                                                                                                                                                                                                | 2  |  |
| Nominal voltage                         | 250 V | -                                                                                                                                                                                                                                                                                                                | -  |  |
| Rated surge voltage                     | 4 kV  | -                                                                                                                                                                                                                                                                                                                | -  |  |
| Rated current                           | 10 A  | -                                                                                                                                                                                                                                                                                                                | -  |  |
| General information                     |       |                                                                                                                                                                                                                                                                                                                  |    |  |
| Note on contact resistance              |       | approx. 1 mΩ of contact resistance<br>approx. 0.25 mΩ contact transition plug/<br>socket                                                                                                                                                                                                                         |    |  |
| Connection data                         |       |                                                                                                                                                                                                                                                                                                                  |    |  |
| Total number of potentials              |       | 2                                                                                                                                                                                                                                                                                                                |    |  |
| Conductor preparation                   |       | ultrasonically tip-bonded                                                                                                                                                                                                                                                                                        |    |  |
| Connection 1                            |       |                                                                                                                                                                                                                                                                                                                  |    |  |
| 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                            |       | 8 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                              | pink                                                                     |
| 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                          | 0.172 MJ                                                                 |
| Connector color                    | pink                                                                     |
| Strain relief color                | black                                                                    |
| Sheathed cable color               | gray                                                                     |
| Printing color of sheathed cable   | black                                                                    |
| Halogen-free                       | No                                                                       |
| Silicon-free                       | Yes                                                                      |
| Sheath material                    | PVC                                                                      |
| Rubber cable                       | No                                                                       |
| Weight                             | 380.1 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                  | 4055143513401 |
| Customs tariff number | 85444290900   |

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

| Downloads                                            |  |
|------------------------------------------------------|--|
| Environmental Product Compliance                     |  |
| Compliance Search                                    |  |
| Environmental Product Compliance<br>891-8992/105-807 |  |

Documentation

|                  |            |                 |                                                                                   |
|------------------|------------|-----------------|-----------------------------------------------------------------------------------|
| Bid Text         |            |                 |                                                                                   |
| 891-8992/105-807 | 19.02.2019 | xml<br>3.02 KB  |  |
| 891-8992/105-807 | 02.12.2014 | doc<br>24.50 KB |  |

CAD/CAE-Data

|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| CAE data                              |                                                                                   |
| EPLAN Data Portal<br>891-8992/105-807 |  |

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system



[Item No.: 890-111](#)  
Locking lever; for flying leads; for tool operation; black



[Item No.: 890-131](#)  
Locking lever; for flying leads; for tool operation; white



[Item No.: 890-101](#)  
Locking lever; for manual operation; black



[Item No.: 890-121](#)  
Locking lever; for manual operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



[Item No.: 897-2001](#)  
Protective cap; Type1; for sockets and plugs; PVC; red

1.2.2 Installation

1.2.2.1 Mounting accessories



[Item No.: 890-310](#)  
Mounting carrier; 2- to 5-pole; for flying leads; black



[Item No.: 890-311](#)  
Mounting carrier; 2- to 5-pole; for flying leads; white