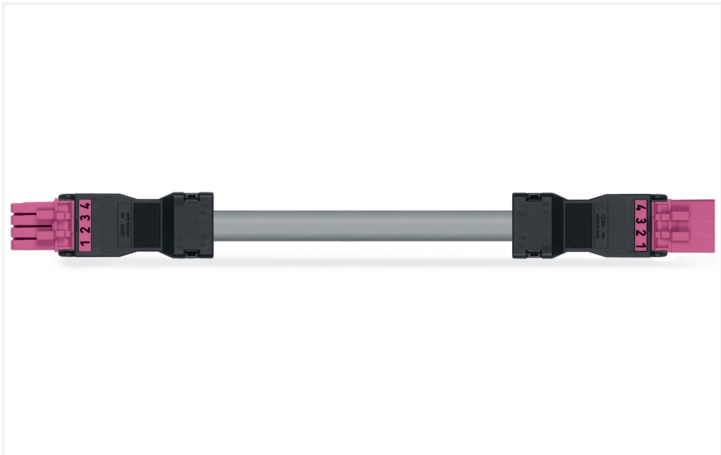
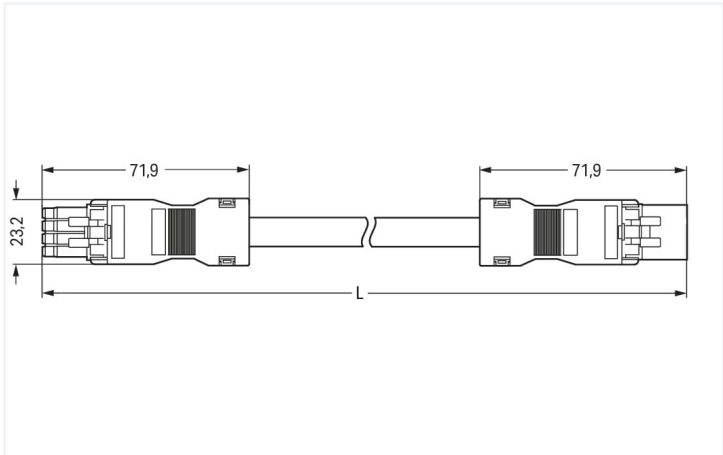




Color: ■ pink



Dimensions in mm

Cable assembly WINSTA® MINI 4-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI cable assembly with protection type IP20. The pluggable installation connectors with spring pressure connection technology function without screw connections. They allow fast, efficient, error-free installation in numerous possible uses. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. B coding enables the WINSTA® MINI pluggable installation connectors to be used for control in applications in automation, robotics, and mechanical engineering. Particularly if only limited space is available, our smallest pluggable connection system, WINSTA® MINI, conveniently displays its advantages. It saves space, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the connection is low-maintenance and can be performed without screw connections. According to the European CPR, the fire class of the cables used in construction is critical for the safety of buildings 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

The cable is pre-assembled with a socket and a plug. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and installation errors at the construction site. Choose quality and durability – with marking from WAGO makes the electrical installation of electrical components visibly easier.

- pluggable installation connectors with protection against mismatching
- easy tool-free operation, a wide range of coding options
- with B coding for use in automation of processes, such as lighting technology, for example
- 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            |  |                                                                                          |     |    |
|----------------------------|--|------------------------------------------------------------------------------------------|-----|----|
| Ratings per                |  | IEC/EN 60664-1                                                                           |     |    |
| Overvoltage category       |  | III                                                                                      | III | II |
| Pollution degree           |  | 3                                                                                        | 2   | 2  |
| Nominal voltage            |  | 400 V                                                                                    | -   | -  |
| Rated surge voltage        |  | 6 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              |  | 4                                                                                                                                                                                                                                                                                                                |               |
|                                         |  | <b>Connection 1</b>                                                                                                                                                                                                                                                                                              |               |
|                                         |  | Pole number                                                                                                                                                                                                                                                                                                      | 4             |
|                                         |  | Wire cross-section                                                                                                                                                                                                                                                                                               | 1 mm²         |
|                                         |  | Connection type                                                                                                                                                                                                                                                                                                  | Socket - Plug |
|                                         |  |                                                                                                                                                                                                                                                                                                                  |               |
| Physical data                           |  |                                                                                                                                                                                                                                                                                                                  |               |
| Pin spacing                             |  | 4.4 mm / 0.173 inches                                                                                                                                                                                                                                                                                            |               |
| Width                                   |  | 23.2 mm / 0.913 inches                                                                                                                                                                                                                                                                                           |               |
| Height                                  |  | 16 mm / 0.63 inches                                                                                                                                                                                                                                                                                              |               |
| Total length                            |  | 1 m                                                                                                                                                                                                                                                                                                              |               |
|                                         |  |                                                                                                                                                                                                                                                                                                                  |               |
| Mechanical data                         |  |                                                                                                                                                                                                                                                                                                                  |               |
| Use                                     |  | 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                         |  | Socket - Plug                                                                                                                                                                                                                                                                                                    |               |
| Type of pre-assembled cable             |  | Interconnecting cable                                                                                                                                                                                                                                                                                            |               |
| Cable type                              |  | Control line 4x1                                                                                                                                                                                                                                                                                                 |               |
| 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:<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                               |  | 0.558 MJ                                                                                                                                                                                                                                                                                                         |               |
| Connector color                         |  | pink                                                                                                                                                                                                                                                                                                             |               |
| Strain relief color                     |  | black                                                                                                                                                                                                                                                                                                            |               |
| Sheathed cable color                    |  | gray                                                                                                                                                                                                                                                                                                             |               |
| Printing color of sheathed cable        |  | black                                                                                                                                                                                                                                                                                                            |               |



| Material data             |             |
|---------------------------|-------------|
| Halogen-free              | No          |
| Silicon-free              | Yes         |
| Sheath material           | PVC         |
| Rubber cable              | No          |
| Weight                    | 98.6 g      |
| Copper weight of the pipe | 0.0384 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                  | 4050821622758 |
| Customs tariff number | 85444290900   |

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

Downloads

Environmental Product Compliance

| Compliance Search                                    |  |
|------------------------------------------------------|--|
| Environmental Product Compliance<br>891-8994/005-107 |  |

Documentation

| Bid Text         |            |                 |  |
|------------------|------------|-----------------|--|
| 891-8994/005-107 | 19.02.2019 | xml<br>2.92 KB  |  |
| 891-8994/005-107 | 02.06.2015 | doc<br>25.00 KB |  |



CAD/CAE-Data

CAE data

EPLAN Data Portal  
891-8994/005-107

↓

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.: 897-2003](#)  
Protective cap; Type2; 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