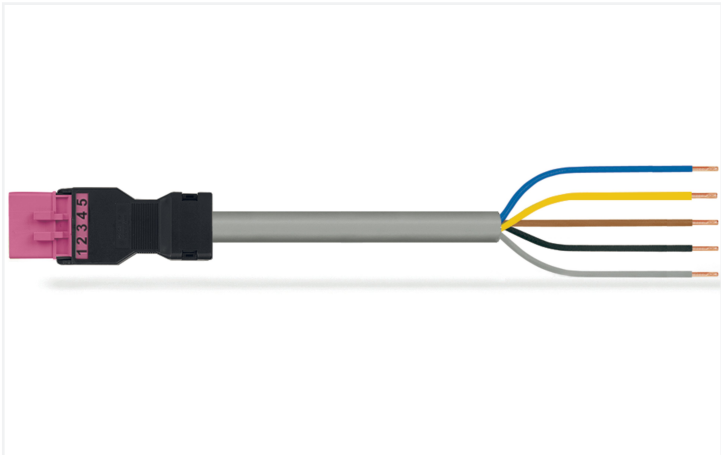
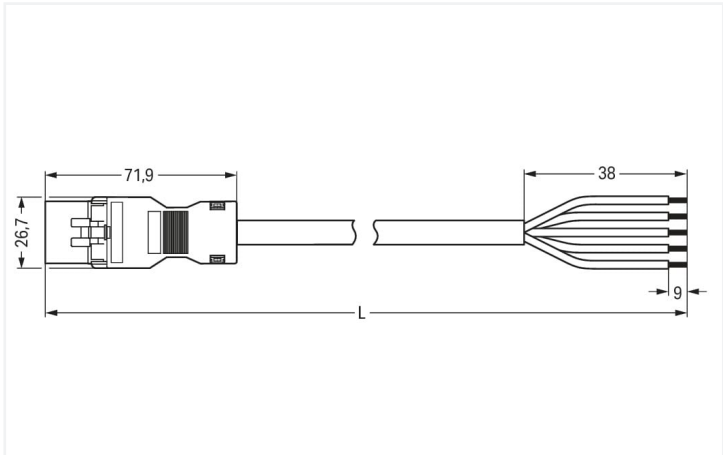




Color: ■ pink



Dimensions in mm

Cable assembly WINSTA® MINI B coding

The WINSTA® MINI cable assembly with protection against mismatching allows assembly of solid and fine-stranded conductors. WAGO pluggable installation connectors are used when specifications repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. 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. Your own pole marking is possible as well. Particularly if only limited space is available, our smallest pluggable connection system, WINSTA® MINI, consistently displays its advantageous properties. It is very compact, 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. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

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

A plug 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. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- protection against mismatching eliminates errors
- easy tool-free operation, a wide range of coding options
- for automation controllers
- custom-engineered solutions
- fast, secure installation

| 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      |  | 400 V          | -   | -  |                                                 |  |
| Rated surge voltage  |  | 6 kV           | -   | -  |                                                 |  |
| Rated current        |  | 10 A           | -   | -  |                                                 |  |



| Connection data            |                           |                                 |                    |
|----------------------------|---------------------------|---------------------------------|--------------------|
| Total number of potentials | 5                         | Connection 1                    |                    |
| Conductor preparation      | ultrasonically tip-bonded | Strip length                    | 9 mm / 0.35 inches |
|                            |                           | Pole number                     | 5                  |
|                            |                           | Wire cross-section              | 1 mm²              |
|                            |                           | Strip length (outer insulation) | 38 mm              |
|                            |                           | Connection type                 | Plug - free end    |

| Physical data |  |                        |  |
|---------------|--|------------------------|--|
| Pin spacing   |  | 4.4 mm / 0.173 inches  |  |
| Width         |  | 26.7 mm / 1.051 inches |  |
| Height        |  | 15.8 mm / 0.622 inches |  |
| Total length  |  | 7 m                    |  |

| Mechanical data                         |  |                                                               |  |
|-----------------------------------------|--|---------------------------------------------------------------|--|
| Use                                     |  | Control technology                                            |  |
| Coding                                  |  | B                                                             |  |
| Variable coding                         |  | No                                                            |  |
| Marking                                 |  | 1 2 3 4 5                                                     |  |
| Potential marking                       |  | 1 2 3 4 5                                                     |  |
| 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                              |  | H05VV-F 5x1                                                   |  |
| 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                          |  | 0.352 MJ                                                                 |  |
| Connector color                    |  | pink                                                                     |  |
| 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                           | 793.9 g    |
| Copper weight of the pipe        | 0.048 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                  | 4055143518338 |
| Customs tariff number | 85444290900   |

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

Downloads

| Environmental Product Compliance                     |  |
|------------------------------------------------------|--|
| Compliance Search                                    |  |
| Environmental Product Compliance<br>891-8995/205-707 |  |

Documentation

| Bid Text         |            |                 |  |
|------------------|------------|-----------------|--|
| 891-8995/205-707 | 19.02.2019 | xml<br>2.99 KB  |  |
| 891-8995/205-707 | 12.03.2015 | doc<br>25.50 KB |  |



CAD/CAE-Data

CAE data

EPLAN Data Portal  
891-8995/205-707

↓

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