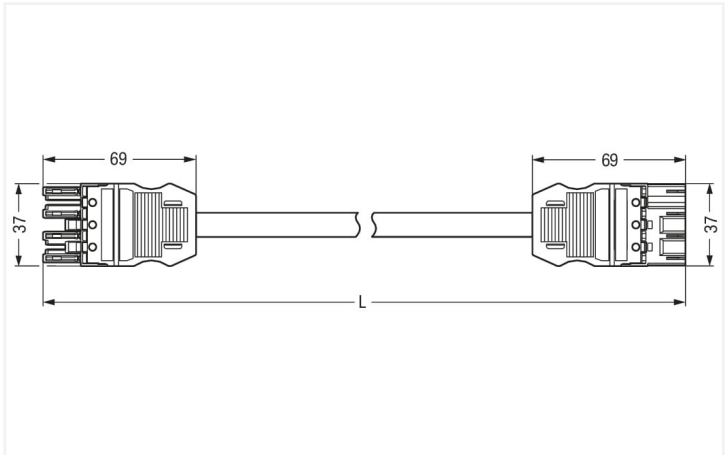




Color: ■ pink



Dimensions in mm

Cable assembly *WINSTA*® MIDI rated current 10 A

For signal and power transmission: The *WINSTA*® MIDI cable assembly with protection against mismating. The pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in a large number of possible uses. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). B coding enables the *WINSTA*® MIDI pluggable installation connectors to be used for control in applications in automation, mechanical engineering and robotics. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates precise electrification. Thanks to the included test slot, it is possible to check connections even when they are plugged in. This saves time, labor, and money. This product meets all the mandatory safety requirements of fire class E; therefore it can be used in domains where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. The *WINSTA*® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Choose durability and quality – the *WINSTA*® MIDI pluggable installation connector with protection type IP20 from WAGO makes the electrical installation of electrical components visibly easier.

- effective protection against mismating
- pre-assembled versions
- with B coding for controllers such as lighting fixtures and sun blinds
- custom-engineered solutions
- 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                                                                                                                                                                                                                                     | -   | -  |
| Ratings per UL 1977  |  | 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 16 A and voltages up to 600 V. For further information, please contact your local sales office. |     |    |

### 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                 |
|                            |   | Sheathed cable diameter | 7.1 ... 9 mm      |
|                            |   | Wire cross-section      | 1 mm <sup>2</sup> |
|                            |   | Connection type         | Socket - Plug     |

### Physical data

|              |                      |
|--------------|----------------------|
| Pin spacing  | 10 mm / 0.394 inches |
| Width        | 37 mm / 1.457 inches |
| Total length | 4 m                  |

### Mechanical data

|                                         |                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Application                             | Control technology                                                                                            |
| Coding                                  | B                                                                                                             |
| Variable coding                         | Yes                                                                                                           |
| 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 4 x 1                                                                                            |
| Protection type                         | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |

### 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="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                            | pink                                                                                                                   |
| Insulation material              | Polyamide (PA66)                                                                                                       |
| Fire class per EN 50575          | E <sub>ca</sub>                                                                                                        |
| Contact material                 | Copper or copper alloy; surface-treated                                                                                |
| Contact plating                  | Tin                                                                                                                    |
| Fire load                        | 0.896 MJ                                                                                                               |
| Connector color                  | pink                                                                                                                   |
| Strain relief color              | black                                                                                                                  |
| Printing color of strain relief  | white                                                                                                                  |
| Sheathed cable color             | gray                                                                                                                   |
| Printing color of sheathed cable | black                                                                                                                  |
| Halogen-free                     | No                                                                                                                     |
| Silicon-free                     | Yes                                                                                                                    |
| Sheath material                  | PVC                                                                                                                    |
| Rubber cable                     | No                                                                                                                     |
| Weight                           | 351.2 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 8.0              | EC002587      |
| ETIM 7.0              | EC002587      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | unpacked      |
| Country of origin     | DE            |
| GTIN                  | 4055143410908 |
| Customs tariff number | 85444290900   |

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



Downloads

Environmental Product Compliance

|                                  |  |  |   |
|----------------------------------|--|--|---|
| Compliance Search                |  |  |   |
| Environmental Product Compliance |  |  | ↓ |
| 771-9994/005-407                 |  |  |   |

Documentation

|                  |            |                 |   |
|------------------|------------|-----------------|---|
| Bid Text         |            |                 |   |
| 771-9994/005-407 | 19.02.2019 | xml<br>2.92 KB  | ↓ |
| 771-9994/005-407 | 02.06.2015 | doc<br>25.50 KB | ↓ |

CAD/CAE-Data

|                   |  |  |   |
|-------------------|--|--|---|
| CAE data          |  |  |   |
| EPLAN Data Portal |  |  | ↓ |
| 771-9994/005-407  |  |  |   |

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system



[Item No.: 770-101](#)  
Locking lever; for flying leads; for manual operation; black



[Item No.: 770-121](#)  
Locking lever; for flying leads; for manual operation; white



[Item No.: 770-111](#)  
Locking lever; for flying leads; for tool operation; black



[Item No.: 770-131](#)  
Locking lever; for flying leads; for tool operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



[Item No.: 770-201](#)  
Lockout cap; 12-pole, separable; for sockets; Plastic; black



[Item No.: 770-221](#)  
Lockout cap; 12-pole, separable; for sockets; Plastic; white



[Item No.: 770-360](#)  
Lockout cap; for plugs; 5-pole; separable; yellow

1.2.2 Installation

1.2.2.1 Mounting accessories



[Item No.: 770-310](#)  
Mounting carrier; 2- to 5-pole; for flying leads; black

1.2.3 Marking

1.2.3.1 Marker



[Item No.: 770-450/000-006](#)  
Marker card; Plastic; blue



[Item No.: 770-450/000-001](#)  
Marker card; Plastic; green



[Item No.: 770-450/000-012](#)  
Marker card; Plastic; orange



[Item No.: 770-450/000-005](#)  
Marker card; Plastic; red



[Item No.: 770-450](#)  
Marker card; Plastic; white



[Item No.: 770-450/000-002](#)  
Marker card; Plastic; yellow

1.2.3.2 Marking strip



[Item No.: 210-334](#)  
Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white