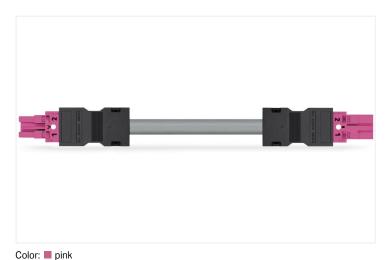
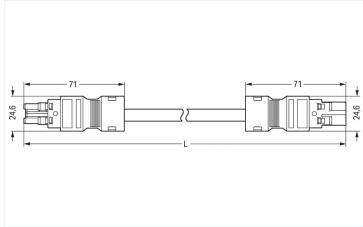
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. B; Control cable 2 x 1.0 mm²; 6 m; 1,00 mm²; pink

https://www.wago.com/771-8992/005-607







Dimensions in mm

Cable assembly WINSTA® MIDI with protection against mismating

For power and signal transmission: The *WINSTA*® MIDI cable assembly 2-pole. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow fast, efficient, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with energised contact elements. B coding enables the *WINSTA*® MIDI pluggable installation connectors to be used for application control in the domains of automation, robotics, and mechanical engineering. *WINSTA*® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in can be found in a variety of projects you can use for quick, easy and maximally flexible electrical installation. According to the European CPR, the fire class of the cables used in construction is critical for building safety, too. For houses 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 perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Using this pre-assembled system reduces assembly times 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 installation of electrical components significantly easier.

- · effective protection against mismating
- · pre-assembled versions
- with B coding for use in process automation, such as lighting technology, among other examples
- · ready to install and use immediately
- 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 Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/. |

| Electrical data | | | | | |
|----------------------|-------|-----------|----|-------------------------|----------------------------------------------------------------------------------------|
| Ratings per | IEC | /EN 60664 | -1 | Ratings per UL 1977 | |
| Overvoltage category | III | III | II | Note for the US market | Some versions may also be used for cur- |
| Pollution degree | 3 | 2 | 2 | | rent interruption in accordance with the UL certificate in select applications with |
| Nominal voltage | 250 V | - | - | | currents below 16 A and voltages up to |
| Rated surge voltage | 4 kV | - | - | | 600 V. For further information, please contact your local sales office. |
| Rated current | 10 A | - | - | Rated voltage (UL 1977) | 600 V |

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| Ratings per UL 1977 | |
|-----------------------|------|
| Rated current UL 1977 | 23 A |

General information

Note on contact resistance

approx. 1 $m\Omega$ of contact resistance approx. 0.25 $m\Omega$ contact transition plug/ socket

| Connection data | | | |
|----------------------------|--------------------|-------------------------|---------------|
| Total number of potentials | 2 | Connection 1 | |
| | | Pole number | 2 |
| | | Sheathed cable diameter | 5.9 7.5 mm |
| | Wire cross-section | 1 mm² | |
| | | Connection type | Socket - Plug |

| Physical data | | |
|---------------|------------------------|--|
| Pin spacing | 10 mm / 0.394 inches | |
| Width | 24.6 mm / 0.969 inches | |
| Total length | 6 m | |

| Mechanical data | |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Application | Control technology |
| Coding | В |
| Variable coding | No |
| Marking | 12 |
| Potential marking | 12 |
| 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 2 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: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered 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). |

Data Sheet | Item Number: 771-8992/005-607 https://www.wago.com/771-8992/005-607



| Material data | |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data) | Information on material specifications can be found here |
| Color | pink |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | E_ca |
| Contact material | Copper or copper alloy; surface-treated |
| Contact plating | Tin |
| Fire load | 0.801 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 | 305.4 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 \leq 70 °C (including halogen-free) Insulating parts for temperatures \leq 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 | 4055143493079 |
| Customs tariff number | 85444290900 |

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

https://www.wago.com/771-8992/005-607



Downloads

Environmental Product Compliance

Compliance Search Environmental Product

Compliance 771-8992/005-607



Documentation

| Bid Text | | | |
|------------------|------------|-----------------|--------------------------|
| 771-8992/005-607 | 19.02.2019 | xml 2.92 KB | <u>↓</u> |
| 771-8992/005-607 | 02.06.2015 | doc 25.00 KB | $\underline{\downarrow}$ |

CAD/CAE-Data

CAE data

EPLAN Data Portal 771-8992/005-607



1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

Item No.: 770-101

operation; black

1.1.1.1 Locking system



Locking lever; for flying leads; for manual



operation; white

<u>Item No.: 770-121</u> Locking lever; for flying leads; for manual

Item No.: 770-111

V

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





<u>Item No.: 770-201</u> Lockout cap; 12-pole, separable; for sockets; Plastic; black

Item No.: 770-221

Lockout cap; 12-pole, separable; for sockets; Plastic; white

FARRA

Item No.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

Item No.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

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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 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

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

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