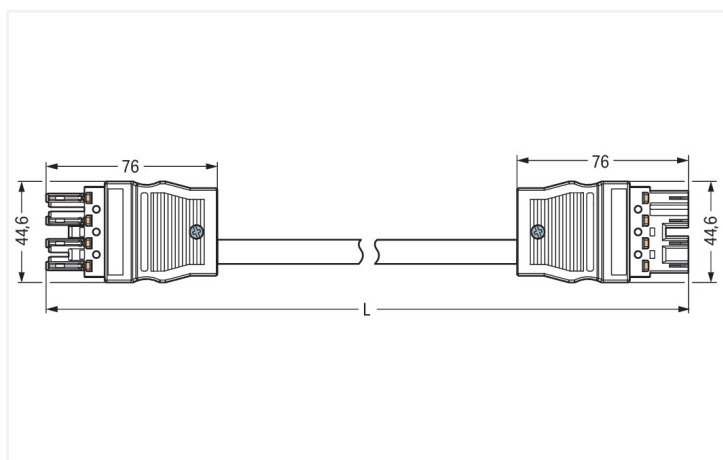
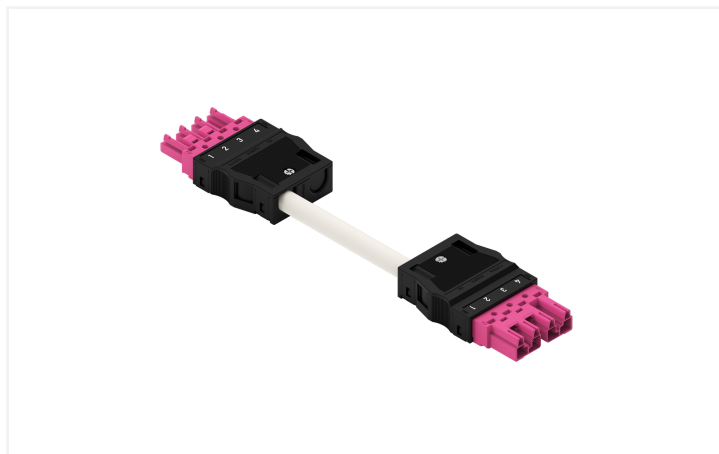
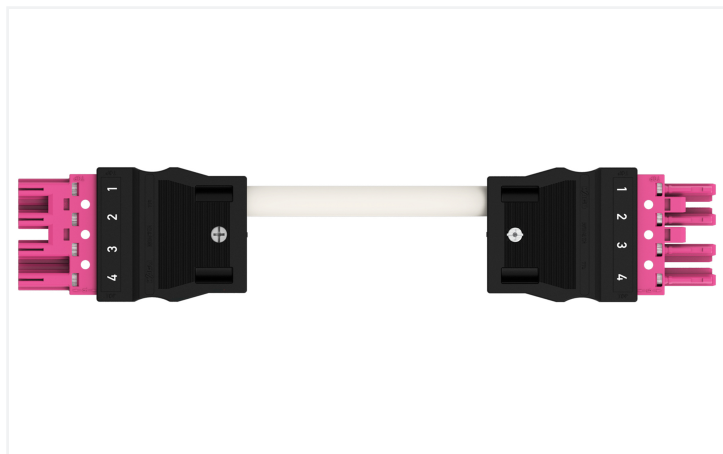


Data Sheet | Item Number: 771-5002/2021-801

pre-assembled interconnecting cable; Cca; Socket/plug; 4-pole; Cod. B; 8 m; 1,50 mm²

<https://www.wago.com/771-5002/2021-801>



Dimensions in mm

Cable assembly WINSTA® MIDI B coding

The WINSTA® MIDI cable assembly rated current 16 A supports fast, reliable installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to a huge variety of requirements in seconds. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Solutions like the WINSTA® MIDI pluggable installation connectors with B coding are appropriate for applications involving process control, such as for lighting or within data networks. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is found in can be found in a variety of projects you can use for quick, easy, secure, tailored electrical installation. Mandatory compliance with fire protection regulations is an essential issue for building installation. Especially in sensitive areas, the fire class must meet legal requirements. This product complies with the requirements of fire class C.

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

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. 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.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- with B coding for use in automation of processes, such as lighting technology, for example
- ready to install and use immediately

- convenient installation and commissioning

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

| | |
|---|---|
| Ratings per | IEC/EN 60664-1 |
| Nominal voltage (III/3) | 400 V |
| Rated impulse withstand voltage (III / 3) | 6 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

General information

| | |
|----------------------------|--|
| Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket |
|----------------------------|--|

Connection data

| | |
|----------------------------|---|
| Total number of potentials | 4 |
|----------------------------|---|

Connection 1

| | |
|--------------------|---------------------|
| Pole number | 4 |
| Wire cross-section | 1.5 mm ² |
| Connection type | Socket - Plug |

Physical data

| | |
|--------------|------------------------|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 44.6 mm / 1.756 inches |
| Height | 17 mm / 0.669 inches |
| Total length | 8 m |

Mechanical data

| | |
|---|---|
| Use | 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 4x1.5 |
| 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). |

Material data

| | |
|----------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Fire class per EN 50575 | C _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Contact Plating | Tin |
| Fire load | 1.154 MJ |
| Connector color | pink |
| Strain relief color | black |
| Sheathed cable color | white |
| Printing color of sheathed cable | black |
| Halogen-free | No |
| Silicon-free | Yes |
| Sheath material | PVC |
| Rubber cable | No |
| Weight | 769.3 g |
| Copper weight of the raw cable | 0.058 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) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | PL |
| GTIN | 4066966433319 |
| Customs tariff number | 85444290900 |

Product Classification

| | |
|-----------|----------------------|
| UNSPSC | 26121629 |
| ETIM 9.0 | EC002587 |
| ETIM 10.0 | EC002587 |
| ECCN | NO US CLASSIFICATION |

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

Downloads

Environmental Product Compliance

| Compliance Search | |
|---|---|
| Environmental Product Compliance 771-5002/2021-801 | ↓ |

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system

| | | | |
|--|--|--|--|
| | | | |
| <p>Item No.: 770-101 Locking lever; for flying leads; for manual operation; black</p> | <p>Item No.: 770-121 Locking lever; for flying leads; for manual operation; white</p> | <p>Item No.: 770-111 Locking lever; for flying leads; for tool operation; black</p> | <p>Item No.: 770-131 Locking lever; for flying leads; for tool operation; white</p> |

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover

| | | |
|--|--|---|
| | | |
| <p>Item No.: 770-201 Lockout cap; 12-pole, separable; for sockets; Plastic; black</p> | <p>Item No.: 770-221 Lockout cap; 12-pole, separable; for sockets; Plastic; white</p> | <p>Item No.: 770-360 Lockout cap; for plugs; 5-pole; separable; yellow</p> |

1.2.2 Installation

1.2.2.1 Mounting accessories

| |
|---|
| |
| <p>Item No.: 770-310 Mounting carrier; 2- to 5-pole; for flying leads; black</p> |

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