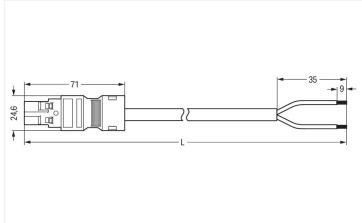
#### Data Sheet | Item Number: 771-8992/205-503

ble 2 x 1.0 mm<sup>2</sup>; 5 m; 1,00 mm<sup>2</sup>; gray https://www.wago.com/771-8992/205-503







Color: ■ gray

Dimensions in mm

#### Cable assembly WINSTA® MIDI with protection against mismating

The WINSTA® MIDI cable assembly 2-pole provides the foundation for assembly of fine-stranded and solid conductors. WAGO pluggable installation connectors can be used when criteria repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. 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!)). This means that users' fingers will never come into contact with electrified elements. Pluggable installation connectors with B coding from the WINSTA® MIDI line are available in gray, light green, or pink, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Usage-specific pole marking is possible in addition. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates exemplary electrification. Due to the included test slot, connections can be checked even when they are plugged in. That saves time and reduces installation labor and expense. According to the European CPR, the fire class of the cables used in construction is critical for the safety of buildings, 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 assembly is equipped with a plug and a free end. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Now you can also lower installation costs without compromising safety and quality: with protection type IP20 eliminates the need for servicing and prevents unnecessary downtime.

- · protection against mismating eliminates errors
- · pre-assembled versions
- · for automation controllers
- custom-engineered solutions
- 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	C/EN 60664	-1	
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	250 V	-	-	
Rated surge voltage	4 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 m $\Omega$ of contact resistance approx. 0.25 m $\Omega$ contact transition plug/ socket

Connection data			
Total number of potentials	2	Connection 1	
Conductor preparation ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches	
	Pole number	2	
	Sheathed cable diameter	5.9 7.5 mm	
	Wire cross-section	1 mm²	
	Strip length (outer insulation)	35 mm	
		Connection type	Plug - free end

Physical data		
Pin spacing	10 mm / 0.394 inches	
Width	24.6 mm / 0.969 inches	
Total length	5 m	

Mechanical data	
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	Plug - free end
Type of pre-assembled cable	Connecting 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!)

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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)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	gray
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	0.404 MJ
Connector color	gray
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	246.4 g
Copper weight of the pipe	0.0192 kg/m

Environmental requirements	
Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 ℃
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	4055143486811
Customs tariff number	85444290900

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### **Environmental Product Compliance**

RoHS Compliance Status

Compliant, No Exemption

#### **Downloads**

#### **Environmental Product Compliance**

Compliance Search

**Environmental Product** Compliance 771-8992/205-503

#### **Documentation**

Bid	Text

771-8992/205-503

19.02.2019

xml 2.99 KB

771-8992/205-503

02.06.2015

doc 26.00 KB

#### CAD/CAE-Data

#### CAE data

**EPLAN Data Portal** 

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### 1 Compatible Products

#### 1.1 Required Accessories

#### 1.1.1 Locking system

Item No.: 770-101

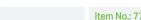
operation; black

### 1.1.1.1 Locking system



Locking lever; for flying leads; for manual





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.: 770-360

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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https://www.wago.com/771-8992/205-503



# 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!

Current addresses can be found at:: www.wago.com

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