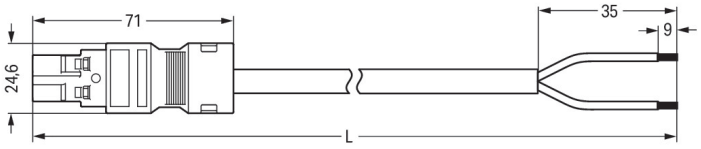
Data Sheet | Item Number: 771-8992/206-307

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B; Control cable 2 x 1.5 mm²; 3 m; 1,50 mm²; pink

https://www.wago.com/771-8992/206-307



Color: pink



Dimensions in mm

Cable assembly *WINSTA*® MIDI with protection against mismating

The *WINSTA*® MIDI cable assembly with protection type IP20 provides the foundation for installation of fine-stranded and solid conductors. WAGO pluggable installation connectors are useful when specifications repeat or are distributed on a specific pattern, 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 live contact elements. B coding enables the *WINSTA*® MIDI pluggable installation connectors to be used for control in applications in the domains of automation, robotics, and mechanical engineering. The *WINSTA*® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates precise electrification. Thanks 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 for construction is decisive for building safety, too. For buildings with medium-level safety requirements, cable assemblies with fire class E are suitable.

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 significantly reduces the need for servicing and lowers costs. Now you can also lower installation costs without compromising safety and quality: with strain relief hosting eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- for automation controllers
- for automation controllers
- ready for immediate use
- 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		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	16 A	-	-

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	2
Conductor preparation	ultrasonically tip-bonded

Connection 1

Strip length	9 mm / 0.35 inches
Pole number	2
Wire cross-section	1.5 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
Height	15.9 mm / 0.626 inches
Total length	3 m

Mechanical data

Use	Control technology
Coding	B
Variable coding	No
Marking	1 2
Potential marking	1 2
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 2x1.5
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).

Continued on next page

Material data

Note (material data)	Information on material specifications can be found here
Color	pink
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E_{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.321 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	206.7 g
Copper weight of the raw cable	0.029 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	DE
GTIN	4055143503952
Customs tariff number	85444290900

Product Classification

UNSPSC	26121629
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
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 771-8992/206-307

Documentation

Bid Text

771-8992/206-307	19.02.2019	xml 3.01 KB
771-8992/206-307	02.06.2015	doc 26.00 KB

CAD/CAE-Data

CAE data

EPLAN Data Portal 771-8992/206-307

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.: 770-360
Lockout cap; for plugs; 5-pole; separable; yellow



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.: 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