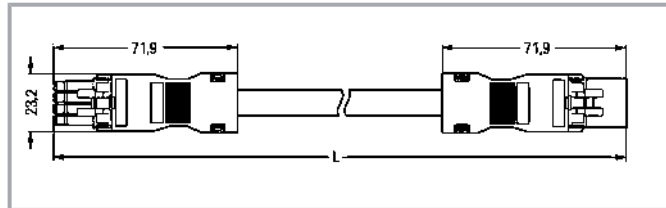


## Data sheet | Item number: 891-8994/005-507

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B;  
Control cable 4 x 1.0 mm<sup>2</sup>; 5 m; 1,00 mm<sup>2</sup>; pink

[www.wago.com/891-8994\\_005-507](http://www.wago.com/891-8994_005-507)



### Item description

#### Cable assembly **WINSTA®** MINI with protection against mismating

The **WINSTA®** MINI cable assembly B coding 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 an enormous variety of requirements in seconds. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Pluggable installation connectors with B coding from the **WINSTA®** MINI line are available in pink, light grey, or grey, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Customer-specific pole marking is possible as well. If only limited space is available, our smallest pluggable connection system, **WINSTA®** MINI, consistently displays its advantages. It is very compact, and, with Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the installation is low-maintenance and can be performed without screw connections. This product meets all the mandatory fire protection requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

#### Fast, error-free assembly thanks to 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 very strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Use of this pre-assembled system reduces assembly times and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with **WINSTA®** MINI pluggable installation connectors with fire class E from WAGO.

- pluggable installation connectors with protection against mismating
- easy tool-free operation, a wide range of coding options
- with B coding for controllers such as lighting fixtures and sun blinds
- custom-engineered solutions

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

WAGO Corporation  
Germantown, WI 53022  
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- convenient installation and commissioning

## Data 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

Note on contact resistance

approx. 1 mΩ of contact resistance  
approx. 0.25 mΩ contact transition plug/socket

## IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	10 A
Legend (ratings)	(III / 3) △ Overvoltage category III / Pollution degree 3

## Ratings per UL

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 5 A and voltages up to 600 V. For further information, please contact your local sales office.

## Connection data

Total number of potentials	4
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Number of poles	4
Sheathed cable diameter	7.1 ... 9 mm
Wire cross-section	1 mm <sup>2</sup>
Connection type	Socket - Plug

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## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	5 m

## Mechanical data

Application	Control technology
Coding	B
Variable coding	No
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; IP40 when mated

## 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

## Material data

Note (material data)	Information on material data can be found here
Color	pink
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated

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Fire load	0.158 MJ
Connector color	pink
Printing color of mating face	black
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	418.6 g
Copper weight of the pipe	0.038 kg/m

## Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

## Commercial data

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	PL
GTIN	4050821682707
Customs tariff number VKOrg Germany	85444290900

## Required accessories

### Locking levers

Locking system	
<b>Item no.: 890-111</b> Locking lever; for flying leads; for tool operation; black	<a href="http://www.wago.com/890-111">www.wago.com/890-111</a>
<b>Item no.: 890-101</b> Locking lever; for manual operation; black	<a href="http://www.wago.com/890-101">www.wago.com/890-101</a>
<b>Item no.: 890-121</b> Locking lever; for manual operation; white	<a href="http://www.wago.com/890-121">www.wago.com/890-121</a>
<b>Item no.: 890-131</b> Locking lever; for flying leads; for tool operation; white	<a href="http://www.wago.com/890-131">www.wago.com/890-131</a>

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

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## Optional accessories

### Cover

Other



Item no.: 897-2003

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

[www.wago.com/897-2003](http://www.wago.com/897-2003)

### Mounting

Mounting accessories

Item no.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black

[www.wago.com/890-310](http://www.wago.com/890-310)

Item no.: 890-311

Mounting carrier; 2- to 5-pole; for flying leads; white

[www.wago.com/890-311](http://www.wago.com/890-311)

## Downloads

### Documentation

#### Bid Text

891-8994/005-507 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8994/005-507 doc - Datei	2015 Jun 2	doc 25.6 kB	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8994/005-507 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B; Control cable 4 x 1.0 mm <sup>2</sup> ; 5 m; 1,00 mm <sup>2</sup> ; pink	URL	Download
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## Installation Notes

### Product family

WINSTA® MINI

[Show all products from the family](#)

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