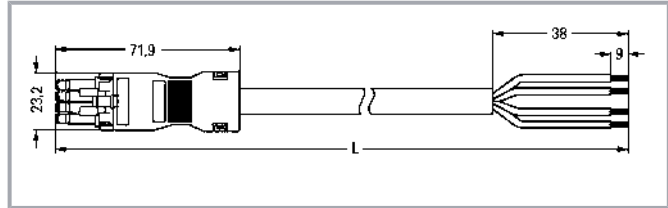


## Data sheet | Item number: 891-8994/105-107

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

[www.wago.com/891-8994\\_105-107](http://www.wago.com/891-8994_105-107)



### Item description

#### Cable assembly **WINSTA®** MINI with strain relief

The **WINSTA®** MINI cable assembly B coding is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. 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 next to no time. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. The pluggable installation connector offers protection against contact with tools or wires if they are smaller than 1 mm in accordance with protection type IP40. 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 light, pumps or, sun blinds. Your own pole marking is possible in addition. Thanks to its particularly minimal dimensions, our **WINSTA®** MINI Pluggable Connection System with Push-in **CAGE CLAMP®** spring pressure connection technology is specifically suitable in very restricted spaces, i.e., for installations when very little room is available. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

#### Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a free end. The **WINSTA®** Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation costs without compromising quality and safety: The **WINSTA®** MINI pluggable installation connector with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm<sup>2</sup>
- for automation controllers
- exact dimensions
- fast, secure installation

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
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## Data Notes

Note	Cables with a different fire class can be found in the eShop.
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Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .
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## Electrical data

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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## 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.
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## Connection data

Total number of potentials	4
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Strip length	9 mm / 0.35 inch
Number of poles	4
Sheathed cable diameter	7.1 ... 9 mm
Wire cross-section	1 mm <sup>2</sup>
Strip length (outer insulation)	38 mm

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Connection type	Socket - Free end
-----------------	-------------------

## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	1 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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	Control line 4 x 1
Protection type	IP40

## 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>

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Contact material	Copper or copper alloy; surface-treated
Fire load	0.039 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	89.4 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	4050821622772
Customs tariff number VKOrg Germany	85444290900

## Counterpart

<b>Item no.890-1633</b> T-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; 2 locking levers; pink	<a href="http://www.wago.com/890-1633">www.wago.com/890-1633</a>
<b>Item no.890-1683</b> h-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 2 locking levers; pink	<a href="http://www.wago.com/890-1683">www.wago.com/890-1683</a>
<b>Item no.890-294</b> Plug; 4-pole; 1,50 mm²; pink	<a href="http://www.wago.com/890-294">www.wago.com/890-294</a>
<b>Item no.890-1733</b> T-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; 3 locking levers; for flying leads; pink	<a href="http://www.wago.com/890-1733">www.wago.com/890-1733</a>
<b>Item no.890-1783</b> h-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; pink	<a href="http://www.wago.com/890-1783">www.wago.com/890-1783</a>
<b>Item no.890-1736</b> 3-way distribution connector; 4-pole; Cod. B; 1 input; 3 outputs; pink	<a href="http://www.wago.com/890-1736">www.wago.com/890-1736</a>
<b>Item no.890-794</b>	

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WINSTA® through-panel plug (male); MINI; snap-in; 1/2/3/4 marking; 4-pole; pink	<a href="http://www.wago.com/890-794">www.wago.com/890-794</a>
<b>Item no. 890-894</b> Plug for PCBs; straight; 4-pole; Cod. B; pink	<a href="http://www.wago.com/890-894">www.wago.com/890-894</a>
<b>Item no. 890-894/011-000</b> Plug for PCBs; angled; 4-pole; Cod. B; pink	<a href="http://www.wago.com/890-894/011-000">www.wago.com/890-894/011-000</a>

## 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>

## Optional accessories

### Mounting

Mounting accessories	
<b>Item no.: 890-310</b> Mounting carrier; 2- to 5-pole; for flying leads; black	<a href="http://www.wago.com/890-310">www.wago.com/890-310</a>
<b>Item no.: 890-311</b> Mounting carrier; 2- to 5-pole; for flying leads; white	<a href="http://www.wago.com/890-311">www.wago.com/890-311</a>

### Cover

Other	
 <b>Item no.: 897-2003</b> Protective cap; Type2; for sockets and plugs; PVC; red	<a href="http://www.wago.com/897-2003">www.wago.com/897-2003</a>

## Downloads

### Documentation

#### Bid Text

891-8994/105-107	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 891-8994/105-107

URL

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

## Installation Notes

### Product family

WINSTA® MINI

[Show all products from the family](#)

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