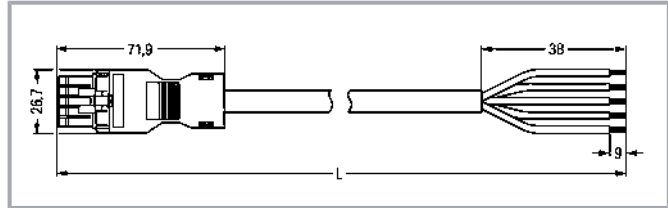


## Data sheet | Item number: 891-8995/105-705

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B;  
7 m; 1,00 mm<sup>2</sup>; light green

[www.wago.com/891-8995\\_105-705](http://www.wago.com/891-8995_105-705)



### Item description

#### Cable assembly *WINSTA*® MINI with protection type IP40

For power and signal transmission: The *WINSTA*® MINI cable assembly rated current 10 A. WAGO pluggable installation connectors are useful when requirements repeat or are distributed on a specific pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector is protected in accordance with protection type IP40. Users' fingers and tools will never come into contact with live elements. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are appropriate for applications related to process control, such as for lighting or within data networks. *WINSTA*® MINI follows the trend towards miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since due to LED technology, these offer significantly less space for the connection technology. According to the European CPR, the fire class of the cables used in construction is essential for the safety of buildings as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

#### 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. Choose quality and durability – the *WINSTA*® MINI pluggable installation connector with fire class E from WAGO makes the electrical installation of electrical components substantially easier.

- effective protection against mismating
- easy tool-free operation, a wide range of coding options
- with B coding for use in automation of processes, such as lighting technology, among other examples
- flexible installation to save space
- convenient installation and commissioning

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

WAGO Corporation  
Germantown, WI 53022  
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Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## 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	5
Conductor preparation	ultrasonically tip-bonded

## Connection 1

Strip length	9 mm / 0.35 inch
Number of poles	5
Sheathed cable diameter	7.8 ... 9.3 mm
Wire cross-section	1 mm <sup>2</sup>
Strip length (outer insulation)	38 mm
Connection type	Socket - Free end

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## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	7 m

## Mechanical data

Application	Control technology
Coding	B
Variable coding	No
Marking	1 2 3 4 5
Potential Marking	1 2 3 4 5
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 5 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	light green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Fire load	0.21 MJ

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



Connector color	light green
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	794.3 g
Copper weight of the pipe	0.048 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	4055143517782
Customs tariff number VKOrg Germany	85444290900

## Required accessories

### Locking levers

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

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

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 Mounting accessories
 

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**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)


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 Cover
 

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## 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)

## Downloads

## Documentation

## Bid Text

891-8995/105-705	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	
891-8995/105-705	2015 Mar 12	doc	Download
doc - Datei		25.6 kB	

## Environmental Product Compliance

## Compliance Search

Environmental Product Compliance 891-8995/105-705	URL	Download
pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; 7 m; 1,00 mm²; light green		

## Installation Notes

## Product family

**WINSTA® MINI**[Show all products from the family](#)

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

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