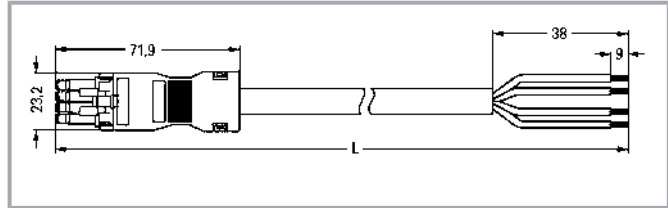


Data sheet | Item number: 891-8994/105-105

pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. B;
Control cable 4 x 1.0 mm²; 1 m; 1,00 mm²; light green



www.wago.com/891-8994_105-105



Item description

Cable assembly *WINSTA*® MINI 4-pole

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI cable assembly rated current 10 A. WAGO pluggable installation connectors can be used when criteria repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. 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 is protected in accordance with protection type IP40. Users' fingers and tools will never come into contact with live elements. B coding enables the *WINSTA*® MINI pluggable installation connectors to be used for application control in the domains of automation, robotics, and mechanical engineering. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since as a result of LED technology; due to complex systems, these offer less and less space for the connection technology. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory 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

A socket and a free end are provided. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also cut installation costs without compromising safety and quality: The *WINSTA*® MINI pluggable installation connector with fire class E eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- easy tool-free operation, a wide range of coding options
- for automation controllers
- custom-engineered solutions
- convenient installation and commissioning

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
Email: info.us@wago.com | Web: 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.
------	---

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

Strip length	9 mm / 0.35 inch
Number of poles	4
Sheathed cable diameter	7.1 ... 9 mm
Wire cross-section	1 mm ²
Strip length (outer insulation)	38 mm
Connection type	Socket - Free end

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
Email: info.us@wago.com | Web: www.wago.us

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



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	light green
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.039 MJ

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
Email: info.us@wago.com | Web: www.wago.us

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



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	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	4050821622765
Customs tariff number VKOrg Germany	85444290900

Counterpart

Item no.890-1632 T-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; 2 locking levers; light green	www.wago.com/890-1632
Item no.890-1682 h-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 2 locking levers; light green	www.wago.com/890-1682
Item no.890-1732 T-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; 3 locking levers; for flying leads; light green	www.wago.com/890-1732
Item no.890-1735 3-way distribution connector; 4-pole; Cod. B; 1 input; 3 outputs; light green	www.wago.com/890-1735
Item no.890-1782 h-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; light green	www.wago.com/890-1782
Item no.890-274 Plug; 4-pole; 1,50 mm ² ; light green	www.wago.com/890-274
Item no.890-774 WINSTA® through-panel plug (male); MINI; snap-in through-panel; 1/2/3/4 marking; 4-pole; light-green	www.wago.com/890-774

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
Email: info.us@wago.com | Web: www.wago.us

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

**Item no.890-874**

Plug for PCBs; straight; 4-pole; Cod. B; light green

www.wago.com/890-874**Item no.890-874/011-000**

Plug for PCBs; angled; 4-pole; Cod. B; light green

www.wago.com/890-874/011-000**Required accessories****Locking levers**

Locking system

Item no.: 890-111

Locking lever; for flying leads; for tool operation; black

www.wago.com/890-111**Item no.: 890-101**

Locking lever; for manual operation; black

www.wago.com/890-101**Item no.: 890-121**

Locking lever; for manual operation; white

www.wago.com/890-121**Item no.: 890-131**

Locking lever; for flying leads; for tool operation; white

www.wago.com/890-131**Optional accessories****Cover**

Other

**Item no.: 897-2003**

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

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**Item no.: 890-311**

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

www.wago.com/890-311**Downloads****Documentation****Bid Text**

891-8994/105-105

2019 Feb 19

xml
3.1 kB

Download

X81 - Datei

891-8994/105-105

2014 Dec 2

doc

Download

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
 Email: info.us@wago.com | Web: www.wago.us

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



Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/105-105	URL	Download
pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. B; Control cable 4 x 1.0 mm ² ; 1 m; 1,00 mm ² ; light green		

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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
Email: info.us@wago.com | Web: www.wago.us

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