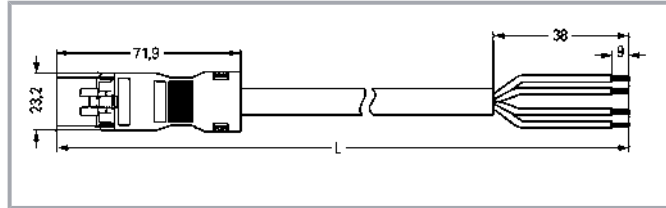


Data sheet | Item number: 891-8994/205-107

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



www.wago.com/891-8994_205-107



Item description

Cable assembly *WINSTA*® MINI rated current 10 A

For signal and power transmission: The *WINSTA*® MINI cable assembly B coding. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in no time flat. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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. Where space is tight, 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 can be installed quickly, since the connection is low-maintenance and can be performed without screw connections. This product meets all the relevant safety requirements of fire class E; therefore it can be used in areas where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. 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 expenses without compromising safety and quality: The *WINSTA*® MINI pluggable installation connector with protection against mismating eliminates the need for servicing and prevents unnecessary downtime.

- 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
- ready to install and use immediately
- 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 m Ω of contact resistance
approx. 0.25 m Ω 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) \triangleq 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	Plug - Free end

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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	Plug - free end
Type of pre-assembled cable	Connecting 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 _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.119 MJ

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



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	89.1 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	4050821622796
Customs tariff number VKOrg Germany	85444290900

Counterpart

Item no.890-1633 T-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; 2 locking levers; pink	www.wago.com/890-1633
Item no.890-1683 h-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 2 locking levers; pink	www.wago.com/890-1683
Item no.890-1733 T-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; 3 locking levers; for flying leads; pink	www.wago.com/890-1733
Item no.890-1783 h-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; pink	www.wago.com/890-1783
Item no.890-1736 3-way distribution connector; 4-pole; Cod. B; 1 input; 3 outputs; pink	www.wago.com/890-1736
Item no.890-284 Socket; 4-pole; Cod. B; 1,50 mm ² ; pink	www.wago.com/890-284
Item no.890-784 WINSTA® through-panel socket (female); MINI; snap-in; 1/2/3/4 marking; 4-pole; pink	www.wago.com/890-784
Item no.890-884	

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



Socket for PCBs; straight; 4-pole; Cod. B; pink

www.wago.com/890-884

Item no.890-884/011-000

www.wago.com/890-884

Socket for PCBs; angled; 4-pole; Cod. B; pink

/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

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/205-107	URL	Download
pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. B; Control cable 4 x 1.0 mm ² ; 1 m; 1,00 mm ² ; pink		

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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