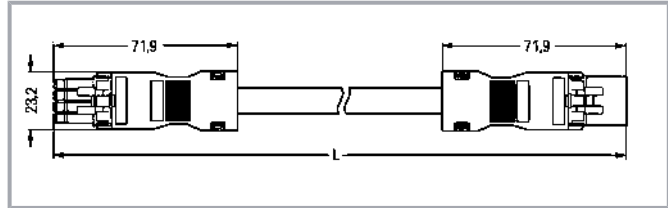


Data sheet | Item number: 891-8994/005-105

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

www.wago.com/891-8994_005-105



Item description

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

The **WINSTA®** MINI cable assembly with protection against mismating is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. 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 no time flat. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. B coding enables the **WINSTA®** MINI pluggable installation connectors to be used for control in applications in automation, mechanical engineering and robotics. **WINSTA®** MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since as a result of LED technology; due to complex systems, these offer much 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 buildings with average safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. The **WINSTA®** Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose durability and quality – the **WINSTA®** MINI pluggable installation connector with marking from WAGO makes the electrical installation of electrical components noticeably easier.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- for automation controllers
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

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.
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Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .
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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

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

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

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

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Fire load	0.158 MJ
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	98.6 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	4050821622741
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.890-264 Socket; 4-pole; Cod. B; 1,50 mm ² ; light green	www.wago.com/890-264
Item no.890-764	

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

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WINSTA® through-panel socket (female); MINI; snap-in through-panel; 1/2/3/4 marking; 4-pole; light-green	www.wago.com/890-764
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
Item no.890-274 Plug; 4-pole; 1,50 mm ² ; light green	www.wago.com/890-274
Item no.890-864 Socket for PCBs; straight; 4-pole; Cod. B; light green	www.wago.com/890-864
Item no.890-864/011-000 Socket for PCBs; angled; 4-pole; Cod. B; light green	www.wago.com/890-864/011-000
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

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



Downloads

Documentation

Bid Text

891-8994/005-105 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
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891-8994/005-105 doc - Datei	2015 Jun 2	doc 25.6 kB	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/005-105 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B; Control cable 4 x 1.0 mm ² ; 1 m; 1,00 mm ² ; light green	URL	Download
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Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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