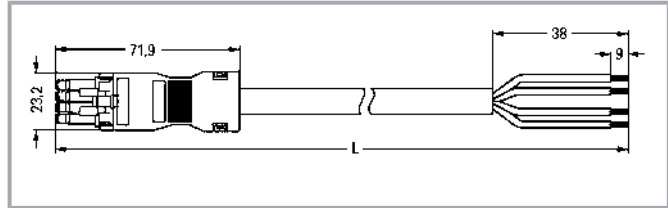


Data sheet | Item number: 891-8994/105-507

pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. B;
Control cable 4 x 1.0 mm²; 5 m; 1,00 mm²; pink

www.wago.com/891-8994_105-507



Item description

Cable assembly *WINSTA*® MINI with strain relief

The *WINSTA*® MINI cable assembly 4-pole supports fast, reliable installation. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in a large number of possible uses. The color coding and mechanical 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 wires or tools 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 grey, light grey, or pink, allowing you to distinguish different circuits, for example for light, pumps or, sun blinds. Your own pole marking is possible in addition. *WINSTA*® MINI follows the trend towards 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. This product meets all the relevant fire protection requirements of fire class E; thus 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 socket and a free end. The *WINSTA*® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MINI pluggable installation connectors with fire class E from WAGO.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with B coding for use in automation of processes, such as lighting technology, for example
- custom-engineered solutions

—
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.



- fast, secure installation

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

Strip length	9 mm / 0.35 inch
Number of poles	4
Sheathed cable diameter	7.1 ... 9 mm
Wire cross-section	1 mm²

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Strip length (outer insulation)	38 mm
Connection type	Socket - Free end

Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	5 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	

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

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	E _{ca}
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	409.4 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	4050821682745
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	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

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Optional accessories

Mounting

Mounting accessories		
<hr/>		
	Item no.: 890-310 Mounting carrier; 2- to 5-pole; for flying leads; black	www.wago.com/890-310
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	Item no.: 890-311 Mounting carrier; 2- to 5-pole; for flying leads; white	www.wago.com/890-311

Cover

Other		
<hr/>		
	Item no.: 897-2003 Protective cap; Type2; for sockets and plugs; PVC; red	www.wago.com/897-2003

Downloads

Documentation

Bid Text

891-8994/105-507 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
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891-8994/105-507 doc - Datei	2014 Dec 2	doc 25.6 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/105-507	URL	Download
pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. B; Control cable 4 x 1.0 mm ² ; 5 m; 1,00 mm ² ; pink		

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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