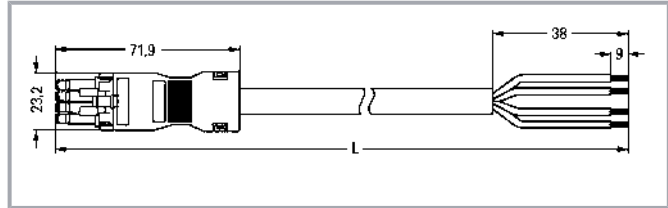


Data sheet | Item number: 891-8994/105-703

pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. B;
Control cable 4 x 1.0 mm²; 7 m; 1,00 mm²; gray

www.wago.com/891-8994_105-703



Item description

Cable assembly *WINSTA*® MINI B coding

The *WINSTA*® MINI cable assembly with protection type IP40 is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors can be used when criteria repeat or are planned on a specific pattern, 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 mismatching. The pluggable installation connector is protected in accordance with protection type IP40. Users' hands 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 involving process control, for example, for lighting or within data networks. If only limited space is available, our smallest pluggable connection system, *WINSTA*® MINI, conveniently displays its advantageous properties. It saves space, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, since the installation is low-maintenance and can be performed without screw connections. This product meets all the relevant safety requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a free end. The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, more reliable, and error-free. Using this pre-assembled system decreases assembly times and installation errors at the construction site. 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.

- protection against mismatching eliminates errors
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for use in process automation, such as lighting technology
- 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

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- quick replacement of defective units during ongoing operation

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	7 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	gray
Insulation material	Polyamide (PA66)
Fire class per EN 50575	

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	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	0.115 MJ
Connector color	gray
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	569.4 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	4050821295617
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

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

891-8994/105-703	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	
891-8994/105-703	2014 Dec 2	doc	Download
doc - Datei		25.1 kB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/105-703	URL	Download
pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. B; Control cable 4 x 1.0 mm ² ; 7 m; 1,00 mm ² ; gray		

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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