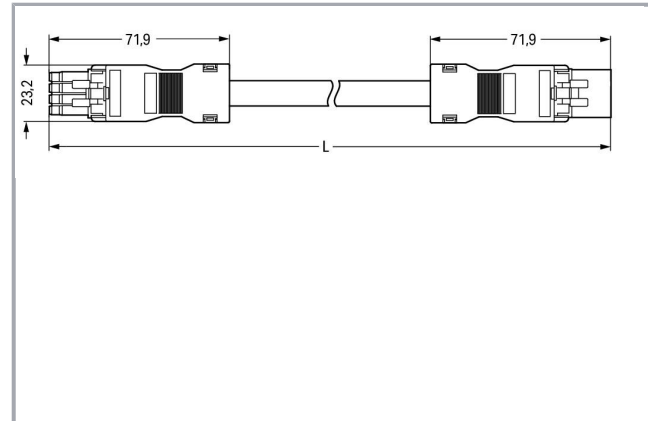
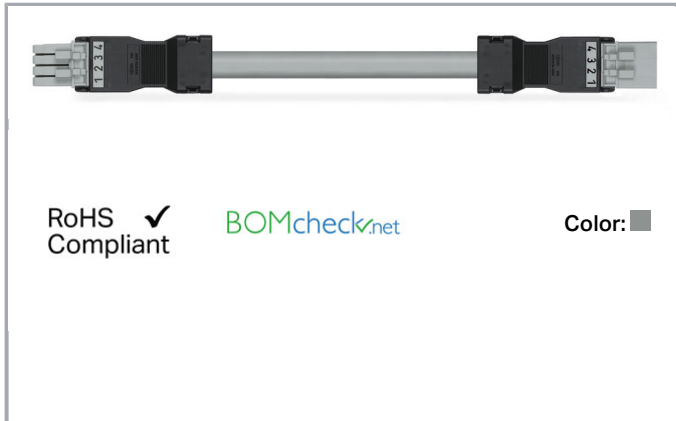


Data sheet | Item number: 891-8994/005-103

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



www.wago.com/891-8994/005-103



Item description

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing
- Components can be clearly printed on and color-coded to meet custom requirements

Note:

Cables with a different fire class can be found in the eShop.

Note on mismatching protection:

All WINSTA[®] components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- plugging one pole

Safety information 1:

Application note for the U.S. market (USR): 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.

Data

Electrical data

Note on Contact Resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

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

WAGO Kontakttechnik GmbH & Co. KG
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32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Ratings per IEC/EN 60664-1

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) $\hat{=}$ Overvoltage category III / Pollution degree 3

Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	12 A

Connection data

No. of poles	4
Total number of potentials	4
Conductor preparation	tip-bonded
Cable diameter	7,1 ... 9 mm
Cross section of single conductor	1 mm ²
Connection type	Socket - Plug

Geometrical Data

Pin spacing	4,4 mm / 0.173 inch
Total length	1 m

Mechanical data

Coding	B
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 100, with resistive load $I_N = 16$ A, tested (1.5 mm ² /16 AWG)
Connection type	Socket - Plug
Type of cable assembly	Interconnecting cable
Type of cable	Control line 4 x 1

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



Marking	1 2 3 4
Protection class	IP20
Note on protection class	IP40 when mated
Potential marking	1 2 3 4

Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy (surface-treated)
Fire load	1.758 MJ
Connector color	gray
Printing color of mating face	black
Strain relief color	black
Printing color of strain relief	white
Color of sheathed cable	gray
Printing color of sheathed cable	black
Sheath material	PVC
Weight	98.5 g

Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on Continuous Service Temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data

Packaging type	not packed
Country of origin	PL
GTIN	4050821295471
Customs Tariff No.	85444290900

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Counterpart



Item no.890-1631

T-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; 2 locking levers; gray

www.wago.com/890-1631



Item no.890-1681

h-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 2 locking levers; gray

www.wago.com/890-1681



Item no.890-1731

T-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; 3 locking levers; for flying leads; gray

www.wago.com/890-1731



Item no.890-1734

3-way distribution connector; 4-pole; Cod. B; 1 input; 3 outputs; gray

www.wago.com/890-1734



Item no.890-1781

h-distribution connector; 4-pole; Cod. B; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; gray

www.wago.com/890-1781



Item no.890-244

Socket; 4-pole; Cod. B; 1,50 mm²; gray

www.wago.com/890-244



Item no.890-254

Plug; 4-pole; 1,50 mm²; gray

www.wago.com/890-254



Item no.890-744

Snap-in socket; 4-pole; Cod. B; 1,50 mm²; gray

www.wago.com/890-744



Item no.890-754

Snap-in plug; 4-pole; Cod. B; 1,50 mm²; gray

www.wago.com/890-754



Item no.890-844

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

www.wago.com/890-844



Item no.890-844/011-000

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

www.wago.com/890-844/011-000

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

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Item no. 890-854
Plug for PCBs; straight; 4-pole; Cod. B

www.wago.com/890-854



Item no. 890-854/011-000
Plug for PCBs; angled; 4-pole; Cod. B; gray

www.wago.com/890-854/011-000

Compatible products

Locking lever

Item no.: 890-101
Locking lever; for manual operation; black www.wago.com/890-101

Item no.: 890-111
Locking lever; for flying leads; for tool operation; black www.wago.com/890-111



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

assembling

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

CAD/CAE-Data

CAE data

	URL	Download
WSCAD Universe 891-8994/005-103		

Installation Notes

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



Product family

WINSTA® MINI special

[Show all products from the family](#)

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

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