

Data sheet | Item number: 750-921

Bluetooth® Adapter

[www.wago.com/750-921](http://www.wago.com/750-921)



Color:

## Item description

**Bluetooth® Adapter in Connection with 750 Series** The *Bluetooth®* Adapter wirelessly connects a notebook computer with *Bluetooth®* functionality to the service interface of the coupler/controller. It also provides an active connection to a programmable fieldbus controller.

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

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WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



As a cable substitute, the *Bluetooth*® Adapter allows communication between two fieldbus controllers, as well as between fieldbus couplers / controllers via WAGO software tools (e.g., WAGO-I/O-CHECK, WAGO-I/O-PRO).

Configurable coexistence properties ensure trouble-free operation in the presence of other radio systems.

***Bluetooth*® Adapter in Connection with 857 Series** The *Bluetooth*® wirelessly connects a notebook computer with *Bluetooth*® functionality to the service interface of a configurable 857 Series Module.

As a cable substitute, the *Bluetooth*® Adapter allows communication between Modules and WAGO software tool (WAGOframe) or configuration APP for Android-based end devices.

If required, adapter configuration may be performed via AT commands.

The adapter is supplied via both service interface and power supply of coupler/controller or Module.

## Data Notes

Note	The maximum range in the field decreases with use in buildings and changes depending on the building materials used and the spatial geometry. Therefore, range specifications within buildings can only represent a typical value that can normally be achieved. More detailed information is available in the manual.
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## Technical data

Device specification	Master or Slave
Security encryption	128-bit encryption
Radio technology	<i>Bluetooth</i> ® 2.1 <i>Bluetooth</i> ® 2.1
Frequency band	ISM band, 2402 ... 2483 MHz
Security authentication	PIN code or configurable access list
Supported profiles	Serial Port Profile (SPP)
Communication type	Peer-to-peer connection
Coexistence	Frequency Hopping Spread Spectrum (FHSS) Adaptive Frequency Hopping (AFH) Adaptive transmission power with configurable upper limit configurable channel blacklist supports coexistence optimized inquiry (transmission time ≤ 0.1 s; transmission cycle ≥ 2.9 s)
Transmission range	20 m in open space (Class 2)
Antenna	integrated
Receiver sensitivity	-82 dBm
Configuration options	AT commands (e.g., via HyperTerminal)

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Current consumption (5 V system supply)	60 mA
Indicators	Operating mode

### Physical data

Width	15 mm / 0.591 inches
Height	50 mm / 1.969 inches
Depth	19 mm / 0.748 inches

### Material Data

Color	light gray
Weight	16.6 g
Conformity marking	CE

### Environmental requirements

Ambient temperature (operation)	-20 ... +60 °C
Protection type	IP20

### Commercial data

Product Group	15 (I/O System)
eCl@ss 10.0	27-24-26-92
eCl@ss 9.0	27-24-26-92
ETIM 8.0	EC000817
ETIM 7.0	EC000817
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918368100
Customs tariff number	84733080000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Downloads

#### Documentation

#### Manual

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



System Manual WAGO I/O System 750/753 Decentralized Automation Technology	V 3.3.3 2023 年8月29 日	pdf 8.7 MB	Download
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Product Manual Bluetooth Adapter	V 2.0.1	pdf 2.6 MB	Download
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**Bid Text**

750-921 X81 - Datei	2019 年2月19 日	xml 6.6 kB	Download
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750-921 doc - Datei	2017 年10月9 日	doc 29.7 kB	Download
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**Additional Information**

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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**System Description**

750/753 Series I/O-System – General Product Information		pdf 976.2 kB	Download
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**CAD/CAE-Data**

**CAE data**

EPLAN Data Portal 750-921		URL	Download
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WSCAD Universe 750-921		URL	Download
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**Environmental Product Compliance**

**Compliance Search**

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**Installation Notes**

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