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.

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 JUMPFLEX® Module.

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

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 JUMPFLEX® 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 JUMPFLEX® Module.

Data
Notes

Note	The maximum range in the field decreases within buildings and varies depending on building materials and 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.

Technical data

Device specification	Master or Slave
Security encryption	128-bit encryption
Radio technology	Bluetooth® 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) AT commands (e.g., via HyperTerminal)
Power consumption (5 V system supply)	60 mA
Indicators	Operating mode

Connection data

Contact type	4-pole male connector

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

Connection type	4-pole male connector

Physical data

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

Material data

Color	light gray
Weight	16.6 g
Conformity marking	CE

Environmental requirements

Surrounding air temperature (operation)	-20 … 60 °C
Protection type	IP20

Commercial data

Product Group	15 (Remote I/O)
PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4044918368100
Customs tariff number	84733080000

Downloads
Documentation

Manual

Bluetooth Adapter	V 2.0.1	pdf 2.6 MB	Download
System Manual WAGO I/O System 750 / 753 Decentralized Automation Technology	V 3.0.2 2021. 4. 27.	pdf 6.6 MB	Download

Bid Text

750-921 X81 - Datei	2019. 2. 19.	xml 6.6 kB	Download

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

750-921 doc - Datei	2017. 10. 9.	doc 29.7 kB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download

System Description

Use in Hazardous Environments Term definition, marking and installation regulations	V 1.0.0	pdf 1.0 MB	Download
750/753 Series I/O-System – General Product Information		pdf 1.7 MB	Download

CAD/CAE-Data

CAE data

EPLAN Data Portal 750-921		URL	Download
WSCAD Universe 750-921		URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-921 Bluetooth® Adapter		URL	Download

Installation Notes

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