Data Sheet | Item Number: 750-921

Bluetooth® Adapter

https://www.wago.com/750-921

DISCONTINUED:
01.02.2024



Color: light gray

***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 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.

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.

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)

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Technical data

Current consumption (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)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918368100
Customs tariff number	84733080000
End of Sale	2024-02-01
End of Production	2024-04-01
End of Delivery	2024-08-01
End of Service and Repair	2026-08-01

Product Classification

UNSPSC	43221715
eCl@ss 10.0	27-24-26-92
eCl@ss 9.0	27-24-26-92
ETIM 9.0	EC000817
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-921	

Documentation

Manual

Product Manual Bluetooth Adapter	V 2.0.1	pdf 2563.35 KB	

System Description

750/753 Series I/O-System – General Product Information	pdf 953.35 KB	

Bid Text

750-921	19.02.2019	xml 6.41 KB	
750-921	09.10.2017	doc 29.00 KB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 750-921	
WSCAD Universe 750-921	