Bluetooth® Adapter

Application Example: 750 Series

Application Example: 857 Series

***Bluetooth*® Adapter in Connection with 750 Series**
The Bluetooth® Adapter wirelessly connects a notebook computer with Bluetooth® functionality to the service interface of the buscoupler/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® Adapter wirelessly connects a notebook computer with Bluetooth® functionality to the service interface of a configurable 857 Series JUMPFLEX® Module.
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.

Description	Item No.	Pack. Unit
***Bluetooth*® Adapter**	**750-921**	1

Approvals

Conformity marking	CE
Bluetooth	Bluetooth®

Technical Data

Data transfer rate	9600 ... 115000 bps
Frequency range	2.4 ... 2.4835 GHz (ISM band)
Type of communication	Point-to-point connection
Profiles supported	Serial Port Profile (SPP)
Bluetooth-Version	2.1
Radio class	Class 2
RF output power	max. +4 dBm (class 2)
RF input sensitivity	typ. -82 dBm
Antenna	integrated
Ports	4-pole service connectors
Configuration	AT commands (e.g. via Hyper Terminal)
Function	Master or Slave
LED	Operating status
Operating temperature	-20 °C ... +60 °C
Current consumption (internal)	60 mA
Security authentification	PIN code or configurable access list
Security encryption	128-bit encryption
Dimensions (mm) W x H x L	15 x 50 x 19
Weight	7 g
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)

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