RoHS ✔ Compliant   BOMcheck.net   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 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.

Data
Technical Data

Security encryption	128-bit encryption
Wireless technology	Bluetooth® 2.1
Frequency band	ISM band, 2402 … 2483 MHz
Security authentification	PIN code or configurable access list
Profiles supported	Serial Port Profile (SPP)
Type of communication	Point-to-point 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 air (Class 2)
Antenna	integrated
Receiver sensitivity	-82 dBm
Baud rate	9600 … 115000 bps
Current consumption, system supply (5 V)	60 mA
Indicators	Operating status

Connection data

Contact type	4-pole male connector
Connection type	4-pole male connector

Geometrical 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 (operating) temperature	-20 … 60 °C
Degree of protection	IP20

Commercial data

Country of origin	DE
GTIN	4044918368100
Customs Tariff No.	84733080000
Product Group	15 (Remote I/O)

Downloads
Documentation

Manual

Bluetooth Adapter	Sep 24, 2014	2.6 MB	Download

Bid Text

750-921 IO, WAGO-Funk-Adapter	Jan 21, 2016	DOC 29.7 kB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download

System Description

Use in Hazardous Environments Term definition, marking and installation regulations	May 8, 2014	1.0 MB	Download
750/753 Series I/O-System – General Product Information	May 29, 2018	2.0 MB	Download
Design Notes Basic conditions and recommendations for higher operational safety	May 3, 2011	1.5 MB	Download

Subject to changes.

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