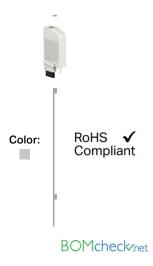
#### Data sheet | Item number: 750-921

Bluetooth® Adapter

750-921





#### 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.

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# Data

# **Technical Data**

Gerätespezifikation	Master or Slave
Security encryption	128-bit encryption
Wireless technology	Bluetooth <sup>®</sup> 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
Current consumption, system supply (5 V)	60 mA
Indicators	Operating status

# **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	1

# **Environmental Requirements**

Surrounding air (operating) temperature	-20 60 °C
Protection class	IP20

### Commercial data

Product Group	15 (Remote I/O)
Country of origin	DE
GTIN	4044918368100

# Data sheet | Item number: 750-921

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Subject to changes.