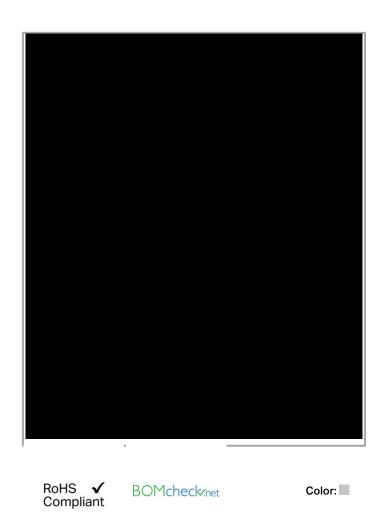
Bluetooth® Adapter

www.wago.com/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

www.wago.com/750-921



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 <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		
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

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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	Jan 21, 2016	DOC	Download
IO, WAGO-Funk-Adapter		29.7 kB	
Additional Information			
Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
System Description			
Use in Hazardous Environments	May 8, 2014		Download
Term definition, marking and installation regulations		1.0 MB	
750/753 Series I/O-System – General Product Information	May 29, 2018	2.0 MB	Download
Design Notes	May 3, 2011		Download
Basic conditions and recommendations for higher operational safety		1.5 MB	

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Subject to changes.

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