Color: RoHS ✔ Compliant

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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

Gerätespezifikation	Master or Slave
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
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

Customs Tariff No.	84733080000

Downloads
Documentation

Manual

Bluetooth Adapter	V 2.0.1 04-jul-2011	pdf 2.6 MB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0 10-oct-2018	pdf 265.8 kB	Download

System Description

Use in Hazardous Environments Term definition, marking and installation regulations	V 1.0.0 08-may-2014	pdf 1.0 MB	Download
750/753 Series I/O-System – General Product Information	29-may-2018	pdf 2.0 MB	Download
Design Notes Basic conditions and recommendations for higher operational safety	V 2.0.0 03-may-2011	pdf 1.5 MB	Download

Subject to changes.

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