Item description

The Wireless ETHERNET Gateway simplifies creation of a wireless transmission link for ETHERNET protocols (e.g., PROFINET, MODBUS/TCP, Ethernet/IP).

The gateway is used as a cable substitute to create a robust, industry-proven Bluetooth® or WLAN link between two automation devices.

The gateways support various configurations and can therefore also be operated as an access point.

Both IP65 housing and internal directional antenna allow the gateway to be used in harsh industrial environments. Simple push-button operation rapidly connects two Wireless ETHERNET Gateways.

Additional settings can be made via Web-Based Management.

Note:

Two Wireless ETHERNET Gateways of the same type are required to establish a peer-to-peer connection.

Note:
The maximum range in the field decreases within buildings and varies depending on building materials and spatial geometry. Therefore, range specifications within buildings can only represent a typical value that can normally be achieved. More detailed information is available in the manual.

Subject to changes. Please also observe the further product documentation!

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

Data

Technical data

Security encryption	None, WEP64, WEP128, TKIP, AES/CCMP
Radio technology	Bluetooth®: 4.0 WLAN: 802.11a/b/g/d/e/i/h
Frequency band	ISM band, 2.4 GHz (Bluetooth®, WLAN); ISM band, 5 GHz (WLAN)
Topology	Peer-to-peer connection
Security authentication	WPA/WPA2 PSK, LEAP, PEAP
Transmission range	up to 400 m
Antenna	Internal directional antenna
Number of inputs	1 (trigger input: 9 … 30 VDC)
Configuration options	push-button operation Web-based management
Supply voltage	24 VDC (9 … 30 V)

Connection data

Connection technology: communication/fieldbus	Ethernet: 1 x M12 socket; B-coded
Connection technology: supply	1 x M12 plug; A-coded

Physical data

Width	67.8 mm / 2.669 inch
Height	33.2 mm / 1.307 inch
Depth	92.7 mm / 3.65 inch

Material data

Weight	120 g
Conformity marking	CE

Environmental requirements

Surrounding air temperature (operation)	-30 … 65 °C
Surrounding air temperature (storage)	-40 … 85 °C
Protection type	IP65

Subject to changes. Please also observe the further product documentation!

Commercial data

Packaging type	BOX
Country of origin	SE
GTIN	4055143721455
Customs tariff number	85176200000

Compatible products

wiring and connectors

	Item no.: 750-976	www.wago.com/750-976
	PROFINET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly	
	Item no.: 756-1201/060-020	www.wago.com/756-1201 /060-020
	ETHERNET cable; 4-pole; M12 plug, axial; Length: 2 m	
	Item no.: 756-3102/040-020	www.wago.com/756-3102 /040-020
	Power cable; 4-pole; Length: 2 m	

Downloads

Documentation

Manual

Wireless ETHERNET Gateway	V 1.0.2	pdf	Download
Wireless transmission link for ETHERNET protocols		6.9 MB	

Bid Text

758-918	23. 7. 2018	doc	Download
doc - Datei		27.6 kB	
758-918	19. 2. 2019	xml	Download
X81 - Datei		5.3 kB	

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

System Description

Radio Technology – General Product Information		pdf	Download

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516.6 kB

Runtime Software

Firmware

Firmware: 758-918 Wireless ETHERNET Gateway	05 15. 7. 2020	zip 1.3 MB	Download

Environmental Product Compliance

Compliance Search

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Installation Notes

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