Wireless ETHERNET Gateway;
Wireless Transmission Link for ETHERNET Protocols

WAGO

Power connector:
M12 plug, A-coded

1: Vin + (9 … 30 VDC)
2: Digital input GND
3: Vin GND (0 V)
4: Digital input + (9 … 30 VDC)
5: Functional ground

ETHERNET connector:
M12 socket, D-coded

1: Transmit +
2: Receive +
3: Transmit -
4: Receive -

The 758-918 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 even in harsh industrial environments. Simple, push-button operation provides very fast connection between 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.

Description	Item No.	Pack. Unit
Wireless ETHERNET Gateway	758-918	1

Accessories	Item No.
IP67 cables and connectors	See "Automation Technology" Full Line Catalog, Accessories

Approvals	
Conformity marking	CE

Technical Data	
Radio technology	*Bluetooth®*: 4.0; WLAN: 802.11a/b/g/d/e/i/h
Topology	Peer-to-peer connection
Security authentication (WLAN)	WPA/WPA2 PSK, LEAP, PEAP
Security encryption (WLAN)	None, WEP64, WEP128, TKIP, AES/CCMP
Frequency band	ISM band, 2.4 GHz (*Bluetooth®*, WLAN); ISM band, 5 GHz (WLAN)
Transmission range	Up to 400 m
Antenna	Internal directional antenna
Power supply	24 VDC
Supply voltage range	9 … 30 VDC
Ports	**ETHERNET connector:** M12 socket, D-coded **Power connector:** M12 plug, A-coded
Configuration	Simple, push-button operation and Web-Based Management
Number of inputs	1 (trigger input: 9 … 30 VDC)
Dimensions (mm) W x H x D	67.8 × 33.2 x 92.7
Weight	120 g
Operating temperature	−30 … +65 °C
Storage temperature	−40 … +85 °C
Degree of protection	IP65