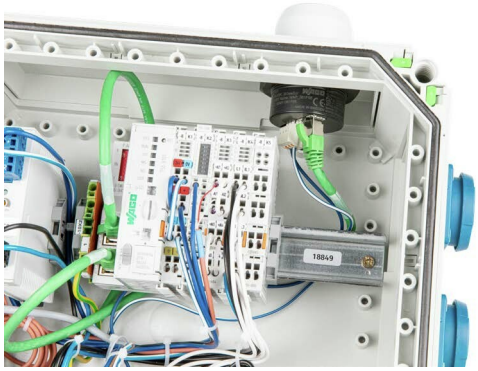
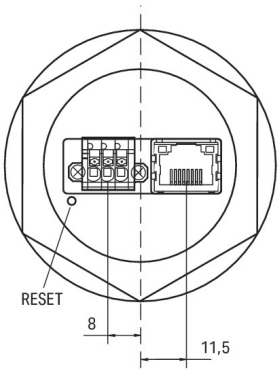
Data Sheet | Item Number: 758-919

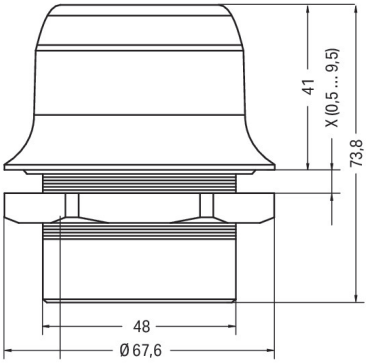
Wireless Access Point

https://www.wago.com/758-919









The Wireless Access Point enables wireless access to a machine or system. This wireless transmission can be performed via WLAN (IEEE802.11a/b/g/d/n/r), *Bluetooth*® or *Bluetooth*® Low Energy in different operating modes. For example, a tablet or smartphone can be used to access the control system of a machine via a radio connection. The device can also be configured to integrate a machine or system into an existing wireless network (e.g., WLAN network) as a client.. In the third main operating mode, a wireless transmission link for ETHERNET protocols (e.g., PROFINET, Modbus/TCP, EtherNet/IP™) can be established between two devices. In this gateway mode, the device is used as a cable substitute to create a robust, industry-proven *Bluetooth*® or WLAN link between two automation devices.
The Wireless Access Point is designed for through-panel mounting (cut-out = 50.5 mm) in the control cabinet. The Wireless Access Point is inserted through the panel cut-out and screwed from the opposite side via M50 nut. Wiring is performed inside the control cabinet. The external side of the housing meets the IP67 protection class.

Note:
The Wireless Access Point is compatible with the Wireless ETHERNET Gateway. These devices can be used jointly in a network.

Notes

Note	The maximum range in the field decreases with use in buildings and changes depending on the building materials used and the 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.

Technical data

Security encryption	*Bluetooth*® 2.1: NIST-compliant; FIPS-approved (authentication and authorization, encryption and data security, privacy and discretion); *Bluetooth*® 4.0 (Low Energy): AES-CCM encryption
Radio technology	*Bluetooth*® 2.1 *Bluetooth*® 4.0 (Low Energy) WLAN: IEEE 802.11 a, b, g, n, d, r
Frequency band	ISM band, 2.4 GHz (*Bluetooth*®, WLAN); ISM band, 5 GHz (WLAN)
Security authentication	WLAN: WEP 64/128; WPA; WPA-PSK and WPA2; TKIP and AES/CCMP; LEAP; PEAP including MS-CHAP
Transmission range	up to 200 m
Antenna	Internal 2.4 GHz and 5 GHz broadband antenna
Configuration options	Web-Based Management
Supply voltage	19 … 36 VDC

Connection Data

Connection technology: communication/fieldbus	1 x RJ-45
Connection technology: supply	1 x Female connector; 3-pole

Physical data

Height	75 mm

Mechanical data

Mounting type	M50 through-panel installation (cut-out = 50.5 mm)

Material data

Weight	84 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	-40 … +65 °C
Ambient temperature (storage)	-40 … +85 °C
Protection type	IP67
Note on protection type	Top (outside of unit): IP66/IP67/UL NEMA 4X ; Base (inside of unit): IP21

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	SE
GTIN	4066966802511
Customs tariff number	85176200000

Continued on next page

Product Classification

UNSPSC	43222631
ETIM 9.0	EC000816
ETIM 10.0	EC000816
ECCN	5A992.C

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for hazardous areas

Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 758-919

Documentation

Manual

Product Manual Wireless Access Point	V 1.0.0 26.11.2020	pdf 4566.81 KB	

System Description

Radio Technology – General Product Information	pdf 493.44 KB	

Continued on next page

Application Notes

Application note, other

Wireless Access Point Release IX08 (V3.0.2) and Cybersecurity	1.0.0 19.08.2025	pdf 902.29 KB	

CAD/CAE-Data

CAD data

2D/3D Models 758-919

CAE data

EPLAN Data Portal 758-919

ZUKEN Portal 758-919

Runtime Software

Firmware

0758-0918/0919, Wireless-ETHERNET-Gateway	V 07 19.07.2022	zip 1306.80 KB	