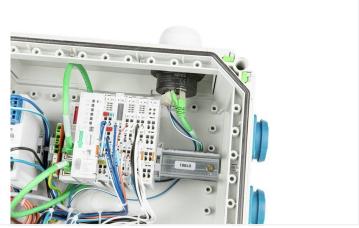
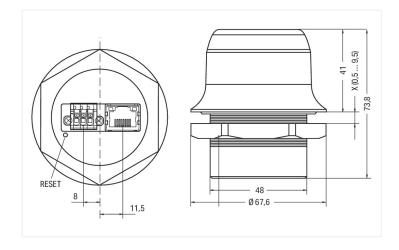
Wireless Access Point

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, Ether-Net/IPTM) 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.

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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) WLAN: WEP 64/128; WPA; WPA-PSK and WPA2; TKIP and AES/CCMP; LEAP; PEAP inclu-Security authentication ding MS-CHAP Transmission range up to 200 m Internal 2.4 GHz and 5 GHz broadband antenna Antenna Configuration options Web-Based Management

19 ... 36 VDC

Connection data

Supply voltage

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

 Fire load
 0 MJ

 Weight
 84 g

 Conformity marking
 CE

Environmental requirements

Ambient temperature (operation) $-40 \dots +65 \, ^{\circ} \text{C}$ Ambient temperature (storage) $-40 \dots +85 \, ^{\circ} \text{C}$

Protection type IP67

Note on protection type Top (outside of unit): IP66/IP67/UL NEMA 4X; Base (inside of unit): IP21

Commercial data

 ETIM 8.0
 EC000816

 ETIM 7.0
 EC000816

 PU (SPU)
 1 pcs

 Country of origin
 SE

GTIN 4066966110579
Customs tariff number 85176200000

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Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates

General approvals



Inc. (ORDINARY LOCATI-

Approval Standard **Certificate Name** TP TC 020/2011 EAC RU C-DE.AM02. EAC Brjansker Zertifizierungs-B.00087/19 stelle UL UL 61010-2-201 E175199 **Underwriters Laboratories**

Declarations of conformity and manufacturer's declarations

Standard Certificate Name Approval EU-Declaration of Confor-

WAGO GmbH & Co. KG

Approvals for hazardous areas



ONS)

Standard **Certificate Name** Approval E198726 UL 121201 **Underwriters Laboratories** Inc. (HAZARDOUS LOCA-TIONS)

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product

Compliance 758-919



Documentation

Manual

Product Manual Wireless Access Point

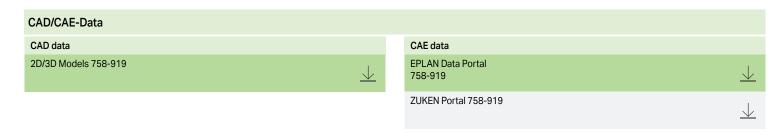
V 1.0.0 26.11.2020 pdf 4566.81 KB **System Description**

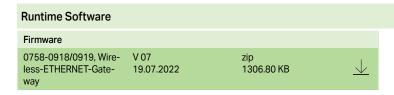
Radio Technology - General Product Informati-

pdf 493.44 KB

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 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

Current addresses can be found at:: $\underline{www.wago.com}$

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