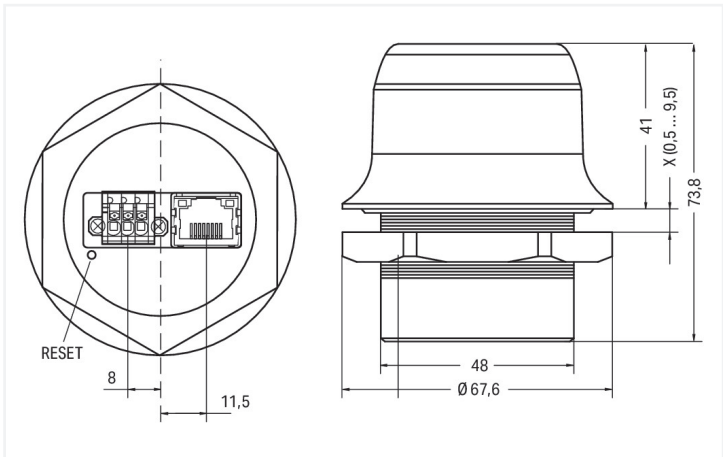
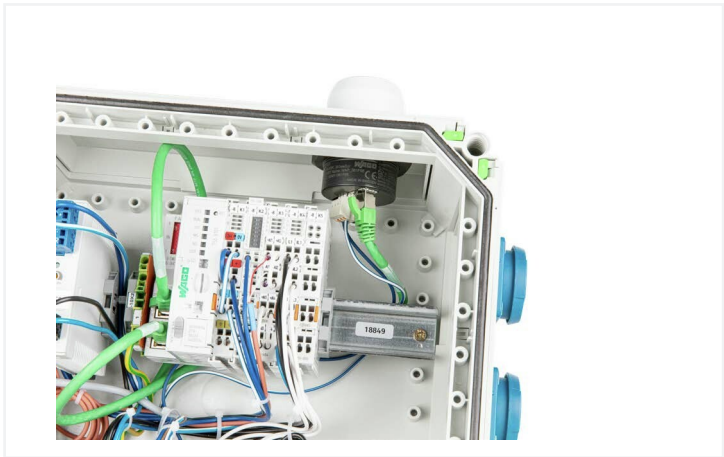




The Wireless Access Point enables wireless access to a machine or system. This wireless transmission can be performed via WLAN (IEEE802.11a/b/g/d/n/r), *Bluetooth®* or *Bluetooth®* Low Energy in different operating modes. For example, a tablet or smartphone can be used to access the control system of 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		
Fire load		0 MJ
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



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			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199			

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				System Description			
Product Manual Wireless Access Point	V 1.0.0 26.11.2020	pdf 4566.81 KB		Radio Technology – General Product Information	pdf 493.44 KB		



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	↓