

## FieldPort SWA50

### Intelligent Bluetooth® and/or WirelessHART adapter for all HART field devices



from **€261.03**

Price as of 12.05.2021

More information and current pricing:

[www.apsc.endress.com/SWA50](http://www.apsc.endress.com/SWA50)

#### Benefits:

- Reliable transmission of the measured process values through the connected FieldPort SWA50 via encrypted Bluetooth® or WirelessHART communication
- Easy to retrofit all 2-wire or 4-wire HART field devices
- Easy connection of all HART field devices to the **Netilion Cloud**
- Loop-powered adapter, without affecting the process signal
- Easily accessible, wireless, diagnostic information of connected HART field device

#### Specs at a glance

- **Output** WirelessHART communication interface Transmission rate: Nominal 250 kBits/s, Operating frequency: 2.4 GHz (ISM band), Transmission range under reference conditions, Outdoor 250 m, indoor 50 m

**Field of application:** The FieldPort SWA50 converts the HART signal of the connected HART field device to a reliable and encrypted Bluetooth® or WirelessHART signal. The Endress+Hauser SmartBlue app or the Endress+Hauser Field Xpert is used to configure the FieldPort SWA50 and to visualize the measured values and status of the connected HART field device. HART field devices can be connected to the **Netilion Cloud** via the FieldPort SWA50 and a **FieldEdge** device.

#### Features and specifications

Wireless components

Measuring principle

WirelessHART

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## Wireless components

### Function

Intelligent WirelessHART interface module for connection to 4...20 mA/HART devices

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### Certification

Non-hazardous area, ATEX, IEC Ex

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### Input

One point-to-point with a HART device,

One point-to-point connection with a 4...20 mA device, or

Up to four HART field devices connected in multidrop mode with a wide range power unit

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### Output

WirelessHART communication interface Transmission rate:

Nominal 250 kBits/s,

Operating frequency: 2.4 GHz (ISM band),

Transmission range under reference conditions,

Outdoor 250 m, indoor 50 m

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### Auxiliary power supply / Loop power supply

Special long live Lithium Thionylchloride battery pack

24-230V AC/DC external power,

DC power unit

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### Dimensions (wxhxd)

W x H x D: 111.5 mm x 189.9 mm x 92.8 mm Dimensions in mm 25.4 mm = 1 inch

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## Wireless components

### Software

Internal software for controlling, powering, and reading from 4...20 mA HART field devices

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### Operation

4...20mA HART

Wireless Bluetooth® technology

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### Operating Voltage

Special long live Lithium Thionylchloride battery pack

For versions with electronically regulated power supply:

Wide-range power supply: 24 V...230 V AC/DC  $\pm$  10%, 50/60 Hz

DC power unit: 8 V...50 V DC  $\pm$  10%

In the event of an external power supply failure, wireless communication is maintained for at least one hour by means of an internal supply.

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More information [www.apsc.endress.com/SWA50](http://www.apsc.endress.com/SWA50)