

Hydra-Pulse Level Radar Quick Start Guide

HYC 508, HYC 215, HYC230 4 to 20mA/HART Version



Download our easy to use App for your phone or tablet.
Search for "Wireless Device Configurator" at the App Store
or on Google Play.



Wiring plan

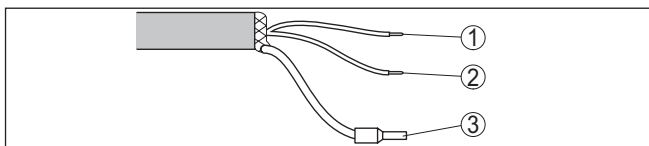


Fig. 18: Wire assignment in permanently connected connection cable

	Wire colour	Function	Polarity
1	Brown	Voltage supply, signal output	Plus (+)
2	Blue	Voltage supply, signal output	Minus (-)

Connecting

Connecting

Start the adjustment app and select the function "Setup". The smart-phone/tablet searches automatically for Bluetooth-capable instruments in the area.

The message "Connecting ..." is displayed.

The devices found are listed and the search is automatically continued.

Select the requested instrument in the device list.

Authenticate

When establishing the connection for the first time, the operating tool and the sensor must authenticate each other. After the first correct authentication, each subsequent connection is made without a new authentication query.

S/N: _____ Bluetooth Access Code: _____

Bluetooth Unlock Code: _____ Device Release Code: _____

Enter Bluetooth access code

For authentication, enter the 6-digit Bluetooth access code in the next menu window. You can find the code on the outside of the device housing and on the Quick Start Guide.

For the very first connection, the adjustment unit and the sensor must authenticate each other.

Bluetooth access code

OK

Enter the 6 digit Bluetooth access code of your Bluetooth instrument.

Enter Bluetooth access code



Note:

If an incorrect code is entered, the code can only be entered again after a delay time. This time gets longer after each incorrect entry.

The message "Waiting for authentication" is displayed on the smart-phone/tablet.

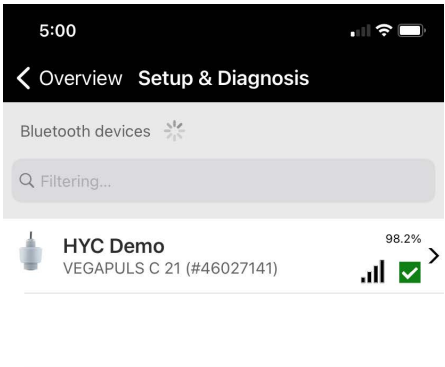
Connected

After connection, the sensor adjustment menu is displayed on the respective adjustment tool.

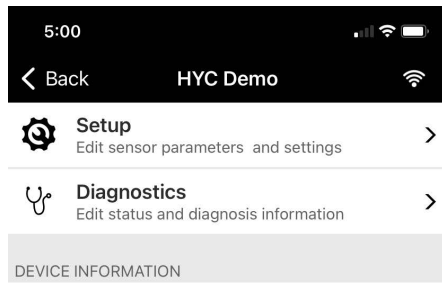
Measurement setups - Gauge Measurement

In general, the following must be observed while mounting the sensor:

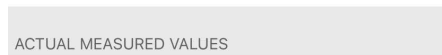
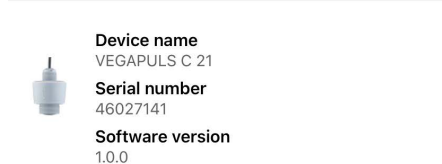
- Mounting on solid bracket or mounting bracket
- High or low water for mounting position
- Measurement on water surface as flat as possible in calm area
- Minimum distance to the max. water level



Select your radar

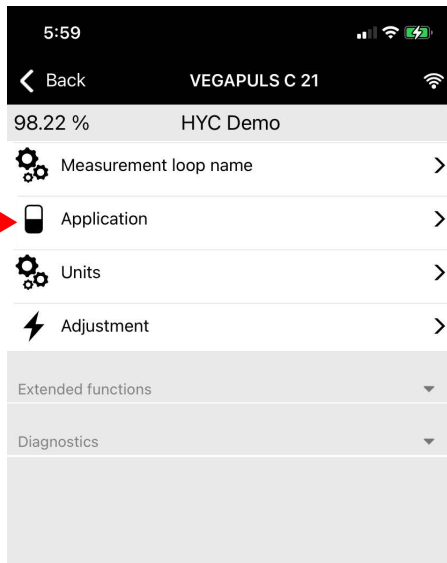


Configure your radar here



Tap the measured values to see all the different measured values available. Distance, percent, Filling height, etc.

By tapping onto a measured value, you can change the measured value type.



Rename the radar loop with your site name, location, etc.

Set units in Feet or Meters and degrees Celsius or degrees Fahrenheit.

Choose your type of medium (**Liquids**) and Application (**Gauge measurement in waters**)