

## EQUFLOW

# 6110 Barcode Scanner for Disposable Flow Sensors

*Easily scales flow sensor output when sensors are changed out*

### DESCRIPTION

This barcode scanner is typically used in combination with an Equflow disposable flow tube/sensor and tube holder/Flowmeter and connects to the customer's controller/receiver, where the flow sensor digital signal is processed.

Each Equflow flow tube has a K-factor, which is the amount of pulses generated when 1 liter of water goes through the flowmeter, with a flow that is within the flowmeter's flow range (see the flowmeter/flowtube datasheet/mounting description). This value is typically different for each flow tube, even if they have the same product code.

Without the 6110 barcode scanner exchanging a flow tube requires the operator to enter the new K-factor in their receiver each time a flow tube is changed out. The Equflow 6110 Barcode scanner is designed to convert the output of each flowmeter to a user defined value/K factor. This value has to be entered only once and is typically the value of the first flow tube scanned when the system is commissioned. Upon exchanging the flow tube, scanning the new flow tubes barcode using the 6110 barcode scanner is all that is needed for the barcode scanner to convert the flow tube pulse output to the user defined value pulse output.



### Features

- Scanning the barcode takes only a second, and will thus be much faster than changing the settings in your controller, while maintaining the same accuracy and repeatability;
- Reduce the chance of errors that could occur when manually entering the K-factor;
- Correction of the K-factor at up to 5 flowrates over the entire flow range is possible, this increases the accuracy at the higher and lower end of the flow range.

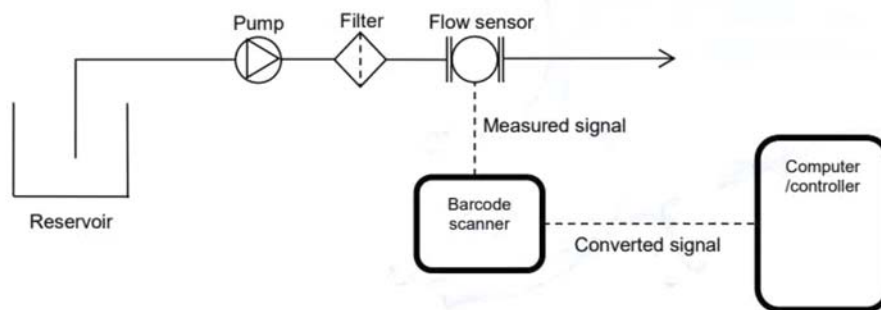
### SPECIFICATIONS

#### GENERAL

Power Supply Output: 5 - 30 Vdc on the output cable 5 - 30 V square wave (equal to power supply)

Ambient temperature: -10 to + 60 °C

Dimensions in mm: 60 x 56 x 105 (L x W x H)



Flow tube holder/flowmeter with disposable flow tube

### ORDERING INFORMATION

Model Number: 6110.KC.CON.BC.01