



Barcode Scanner

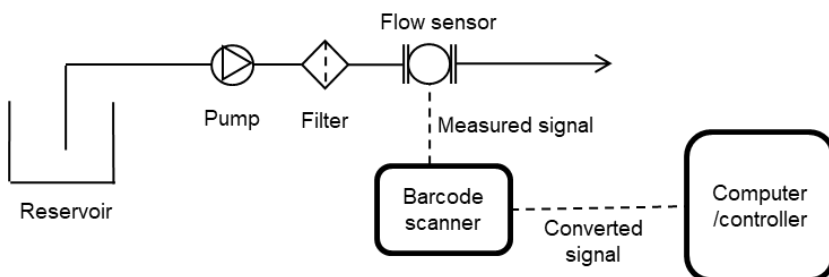
Each Equiflow flow sensor is equipped with a unique calibration factor (K-factor), which represents the number of pulses generated per liter of water. Since the calibration factor varies between flowmeters, replacing the wetted parts necessitates entering the new K-factor.

The Equiflow Barcode Scanner simplifies this process by converting the sensor's output to a user-defined value, which is configured once. When a disposable flow tube is replaced, scanning its barcode allows the scanner to automatically adjust the signal to the pre-set value. This barcode scanner is typically used in conjunction with an Equiflow flow sensor and a third-party device, ensuring seamless digital signal conversion.

Technical Specifications

Power Supply	5 - 24 Vdc
Output	5 - 24 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)

Schematic overview



Characteristics

- **Instant Barcode Scanning**
Scanning the barcode is instantaneous, eliminating the need for recalibration while maintaining consistent accuracy and repeatability.
- **Error Reduction**
Minimizes the risk of errors associated with manual K-factor entry.
- **Enhanced Accuracy**
Allows for K-factor correction at up to five different flow rates across the entire flow range, improving accuracy at both high and low flow extremes.

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