Signet 3-0250 USB to Digital (S^{3}L) Configuration / Diagnostic Tool

+GF+

Features

- **User-friendly interface**

- **Configure blind sensors**

- **Configure all modifiable parameters in the sensor**

- **Monitor sensor data or log sensors data to a file**

- **Monitor mV and Temperature reading in pH/ORP sensors**

- **Graph sensor data**

- **Red and Blue LED indicators for power and data transmission**
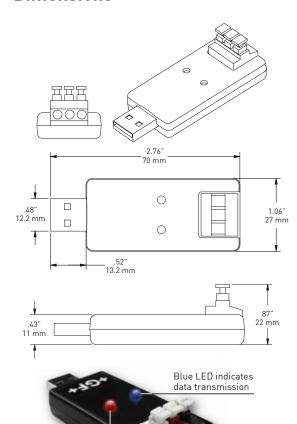
- **6 ft USB extension cable**

Description

The new 3-0250 USB to (S^{3}L) configuration/diagnostic tool interfaces with Signet's various digital sensors to allow users to select all parameters available for modification, monitor the sensor's data on the PC/Laptop, or log the sensor's data to a file. Multi-language Software in English, German, French, Italian, Portuguese and Spanish.

Compatibility

- **2250 Hydrostatic Level Sensor**
- **2350 Temperature Sensor**
- **2450 Pressure Sensor**
- **2750 DryLoc® pH/ORP Sensor Electronics**
- **2551 Magmeter Flow Sensor**
- **2552 Metal Magmeter Flow Sensor**

System Overview

Modifiable Parameters

2250, 2350, 2450, 2750:

- Modify 4 mA and 20 mA Set Points
- Select units and Specific Gravity (2250 only) for improved accuracy and to eliminate the need for additional calculations.

2551 and 2552:

- Unit Selection
- 4 mA and 20 mA Set Points
- Low-Flow Cut-Off
- Quick Response Sensitivity
- Averaging Time
- Noise Rejection Frequency

Control Functionality

- Read the parameters from the sensor and display on the screen
- Write new settings on the screen to the sensor
- Load a previously saved configuration
- Save new settings to a file
- Restore parameters to Factory Settings

Graphing Functionality

- Monitor sensor data on screen.
- Log sensor data to a file.
- Start, Stop, and Resume monitoring/logging.
- Set Monitor/Logging Time in seconds: 1 to 86400 (24 hours)
- Primary values such as Level, Temperature, pH, ORP, Flow Rate/Velocity, are displayed/logged.
- Additional values such as Temperature and mV for pH are also displayed. The mV reading can allow users to monitor the life of a pH/ORP electrode.

CE

Dimensions

* for wiring reference please see manual

Blue LED indicates data transmission

+5 V out
Data
GND
sensor

Red LED indicates power

2.76"
70 mm

.48"
12.2 mm

.52"
13.2 mm

1.06"
27 mm

.87"
22 mm

.43"
11 mm

Specifications

Materials:

- ABS Body

Power Requirements

- Supplied by USB port on PC/Laptop

Inputs

- 3-wire (S^{3}L) input

Output Specifications

- USB 1.0, 2.0

Standards and Approvals

- CE
- RoHS compliant

Ordering Information

Model 0250 USB (S^{3}L) Configuration/Diagnostic Tool	
Mfr. Part No.	**Code**
3-0250	**159 001 538**