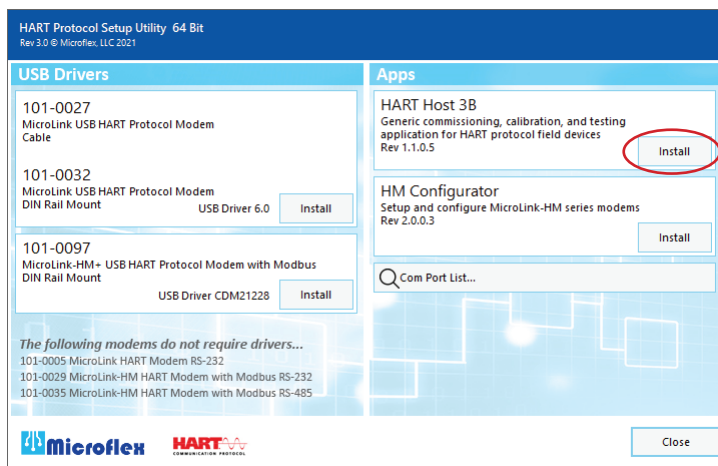# HART Host
Quick Start Guide

Microflex HART Host Classification 3B can perform basic configuration of any HART field device and meets HART requirements to be classified as a "Generic Host".

HART Host is a software application for Windows based PCs used to commission and calibrate HART field devices. HART Host is compatible with all Microflex HART protocol modems and all HART field devices. HART Host requires Microsoft Windows 7 or higher operating system and a USB or serial HART protocol modem.

To install simply run **Msetup.exe** from the CD.

If you do not have a CD drive the file can be downloaded from **www.microflx.com/pages/support**


Click **Install** in the HART Host 3B window to begin the installation.

After installation, the HART Host Icon will be added to your start menu and on the desktop. Use the icon to run HART Host

HART Host 3B Icon

Enter your licence key in the Activate Licence dialog window to register the licence. Registering will require a connection to the internet. After the licence is registered HART Host can be used offline and a local licence file will be used.
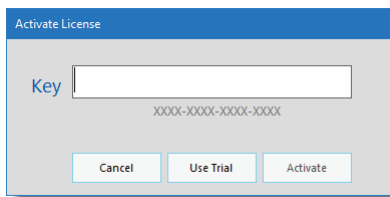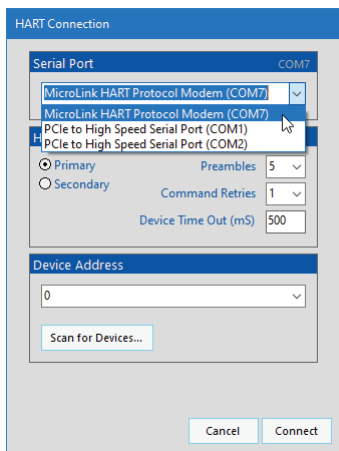
A licence key is provided, usually by e-mail, when you purchase a copy of Microflex HART Host.

If you don't have a key click **Use Trial** to obtain a free 60 day access.

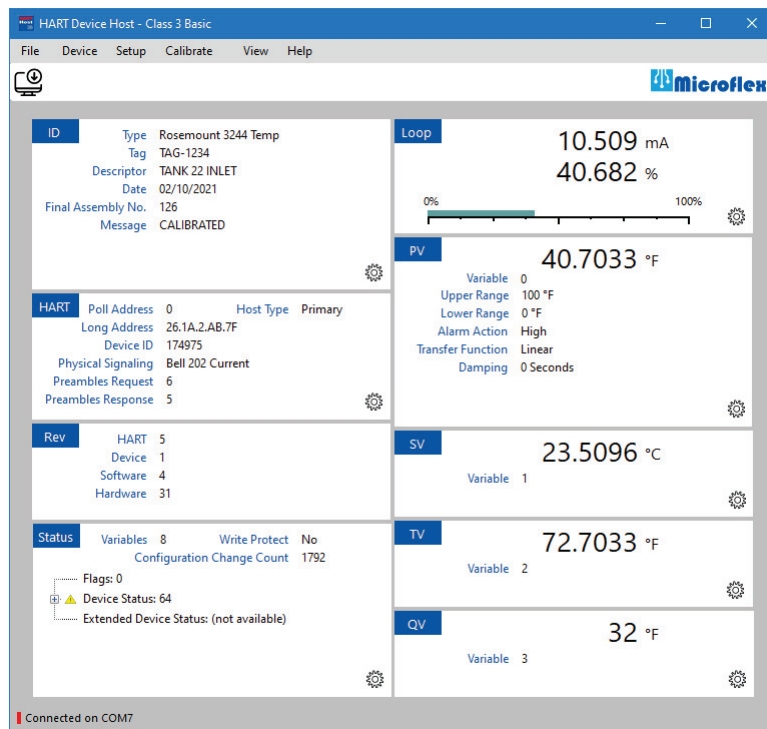To purchase a license key for HART Host visit www.microflx.com

To enter a new key use the **Help > About HART Host** menu option to de-activate the trial licence. Then, re-run HART host to enter your licence key.

Select a COM Port to use for the HART modem connection. The HART Connection dialog window shows a drop-down list of available ports. The list is continuously updated so when you connect a USB modem it will be added to the list. Select your port and click **Connect** to begin reading the HART device parameters.

HART Host main screen displays a complete view of the HART device. Settings are grouped to simplify navigation. Quickly view and make HART device changes from one screen.

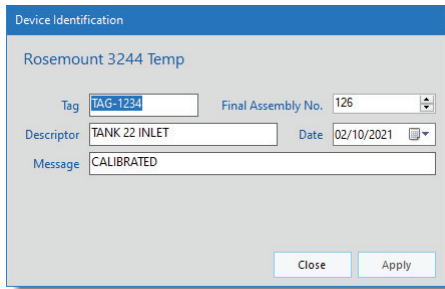Click the ⚙ icon to configure the HART device values.

Quickly edit all HART device ID settings from a single dialog.

Device Identification

Rosemount 3244 Temp

Tag	TAG-1234
Final Assembly No.	126
Descriptor	TANK 22 INLET
Date	02/10/2021
Message	CALIBRATED

Close   Apply

Wizards guide you through calibrations so that you don't miss any steps.

Calibrate Loop

Rosemount 3244 Temp

Loop

11.032 mA
43.93 %

0%   100%

Loop Trim

Setting field device output to 4.000 mA.

Cancel   Ok

Calibrate Loop

Rosemount 3244 Temp

Loop   Fixed

12.000 mA
50 %

0%   100%

Loop Test - Fixed Output

20 mA 100%	12 mA (50%)	12.0 mA
16 mA 75%		
12 mA 50%		
8 mA 25%		
4 mA 0%	Exit Fixed Output	
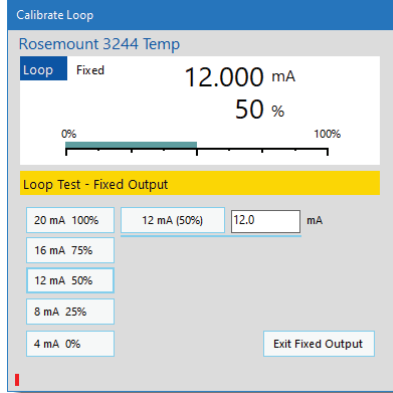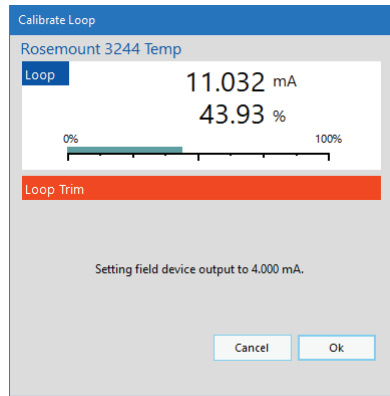
Fixed output testing forces the device's loop transmitter to a fixed value to aid in testing and calibrations.

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