

HART USB Interface Adapter for Notebook / PC HART-USB-001

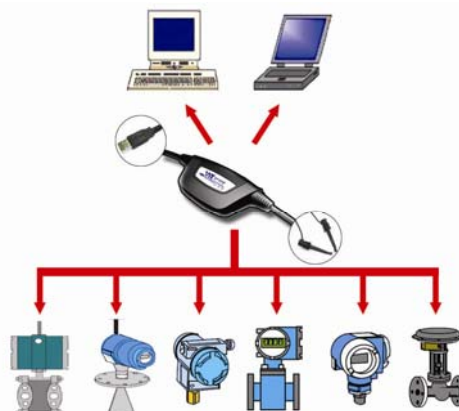


ViT USB HART modem, HART-USB-001, is a user-friendly communication device that allows the user to link a Hart network to a Notebook or PC with ease. It is fully compliant with the standards set by the Hart Foundation and is compatible with all Hart products by multiple manufacturers.



Features

- Ideal interface using your Notebook/PC to a HART network
- Compact and Rugged design
- Compatible with HART products from multiple manufacturers
- Fully compatible with HART COMDTM / FDT Software
- No external power supply required, using USB port from Notebook/PC to power
- Isolation of 1500V AC between the field instrument and USB adaptor pins
- User friendly, with 6 foot cable pre-terminated with pinch connectors for easy access to the HART line
- Very low leakage (Max 10 uA @ 35V dc) current to the process network
- Standard USB Type A connector



Technical Data

Electrical Specification

Power Supply:	No external supply required. Interface is powered via the USB port.
Supply Current:	5V @ 40 mA, via USB port of PC
Computer Connection:	Industry standard IBM-PC compatible USB Type A connector
HART Connection:	Two Mini-Grabber test clips.
Output Level:	HART compliant 0.5 +/- 0.1 Vpp Trapezoidal Wave @ 1200/2200 Hz
Isolation Certification:	1.5kVAC Isolation between instrument & computer.
Operation Temperature:	0 °C to 55 °C.
Storage Temperature:	-40 °C to 70 °C
Storage Humidity:	0% to 95% relative humidity

Software Requirement

Operating System: Windows 98 SE/2000/XP

Physical Dimensions

Enclosure: 18 x 83 x 46 mm
Rugged Harden Plastic enclosure suitable for industrial use.

Standard EN61326

Ordering Information

Model	Description
HART-USB-001	HART USB Interface Adapter for Notebook / PC

