

**Increasing communication.
Delivering reliability.
Gaining mobility.**

Viator® HART Interfaces

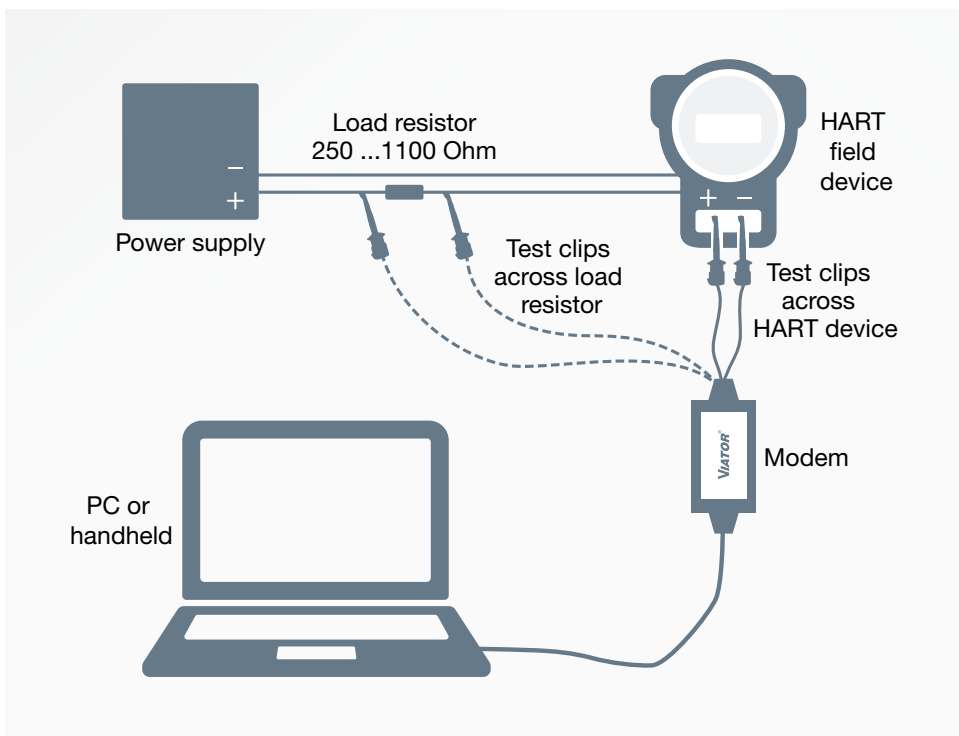


Your automation, our passion.

PEPPERL+FUCHS

Viator® by Pepperl+Fuchs—Simple Access to HART Data

With more than 30 million HART-compatible field devices in use worldwide, the HART digital standard has been firmly established in the process industry for decades. Viator® HART modems offer a reliable solution for commissioning and servicing HART devices. A variety of models provide the right connectivity for your application: RS-232, USB, USB with PowerXpress™, as well as Bluetooth® models for general-purpose and hazardous locations.

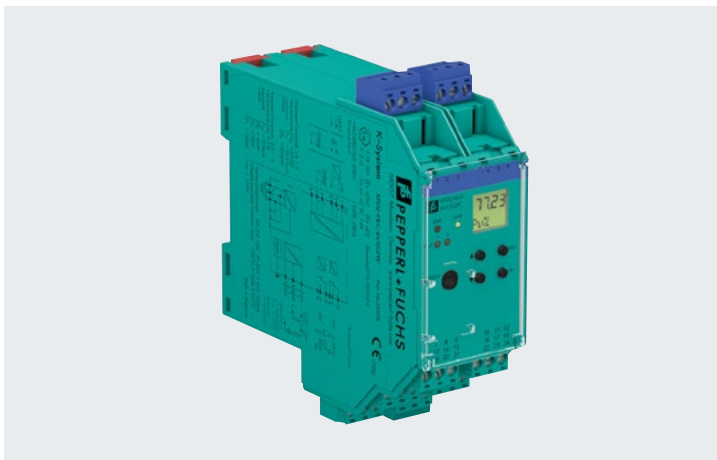


Compact, Rugged, and Easy to Use

Viator interfaces are the perfect link between your PC or handheld and HART-capable devices. Economical HART communicators, they combine ease of use, portability, and advanced features to support technicians during commissioning and servicing of field devices. Each compact, lightweight modem is packed with functionality and is remarkably easy to connect and use. All models are made of durable, industrial-grade polycarbonate and are compatible with 32- and 64-bit Windows® 7, 8, XP, 10, or Vista

HART Connectivity from a Single Source

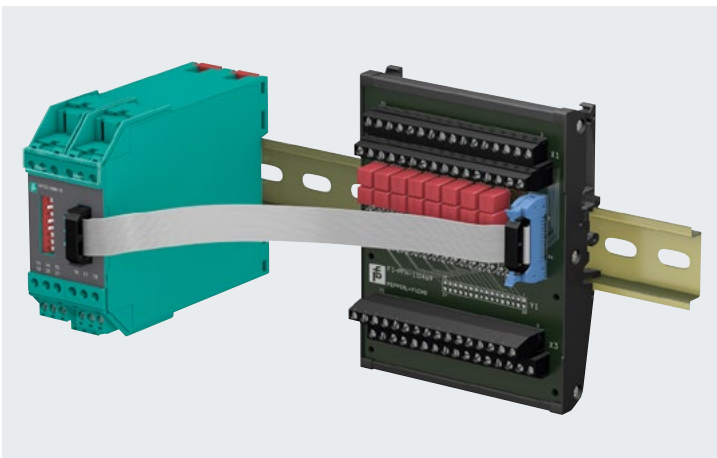
Pepperl+Fuchs offers a variety of HART interface solutions that complement the Viator portfolio and provide access to crucial information from field devices. The simple and efficient retrofitting of devices makes a wealth of additional field device data and diagnostic information available. This allows the scope of existing infrastructures to be improved over the long term, while early error messages ensure a much higher plant availability.



HART Loop Converter

The HART loop converter is a single-channel isolated barrier for intrinsically safe applications of the K-System. It can read out up to four variables from a HART field device and transmits them as analog output signals. In addition to other data, these variables include maintenance, status, and diagnostic information. Partial stroke tests are also possible. The HART loop converter can be inserted in a signal circuit and used as a transmitter power supply, or used in parallel to existing field circuits without impairing the signal circuit or the safety parameters.

- Passive inputs for connecting to existing field loops
- Active inputs for transmitter supply
- Three outputs



HART Multiplexers

HART multiplexers acquire information from the field device and make the information available to the asset management system. They are used to communicate between the maintenance station and the asset management system. HART multiplexers are available as master/slave in the K-System and as master in the H-System.

- HART multiplexers in the K-System: master/slave system, can communicate with up to 256 field devices when fully assigned
- HART multiplexers in the H-System: connection of 32 field devices



Viator USB HART Interface

- HART compliant for communication with any HART field device and error-free slave testing
- Draws power from USB port, needs no external supply to power interface
- USB 1.1 compliant
- Integrated connector cable terminates in two polarity-insensitive test clips and one USB connector cable



Viator RS-232 HART Interface

- HART compliant for communication with any HART field device and error-free slave testing
- Draws power from RS-232 port, needs no external supply to power interface
- Polarity-insensitive test clips
- Transformer isolation allows you to connect the interface across the load resistor or the field device



Viator Bluetooth Interface

- Available as general-purpose and hazardous-location models
- Hazardous-location version has ATEX and IECEx approval and is UL listed for North America
- Powerful, high-speed Bluetooth with 100 m open-air range
- Adaptive frequency hopping to reduce radio-frequency interference
- HARTCommDTM software supports use with FDT Frame applications



Viator USB HART Interface with PowerXpress™

- Quickly power and communicate with HART field devices
- Powers all two-wire HART devices, independent of supplier
- Draws power from USB port, needs no external supply to power interface
- Integrated connector cable terminates in two test clips and one USB connector cable
- Selectable powered-modem or modem-only mode

Your automation, our passion.

Explosion Protection

- Intrinsically Safe Barriers
- Signal Conditioners
- Fieldbus Infrastructure
- Remote I/O Systems
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement
- Purge and Pressurization Systems
- Industrial Monitors and HMI Solutions
- Electrical Explosion Protection Equipment
- Solutions for Explosion Protection

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
- Connectivity