Viator USB HART Interface
HM-PF-USB-010031

- 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 modem
- Compact, rugged polycarbonate housing for industrial-grade reliability
- USB 1.1 compliant
- Integrated connector cable terminates in 2 test clips and 1 USB connector cable
- Polarity insensitive test clips
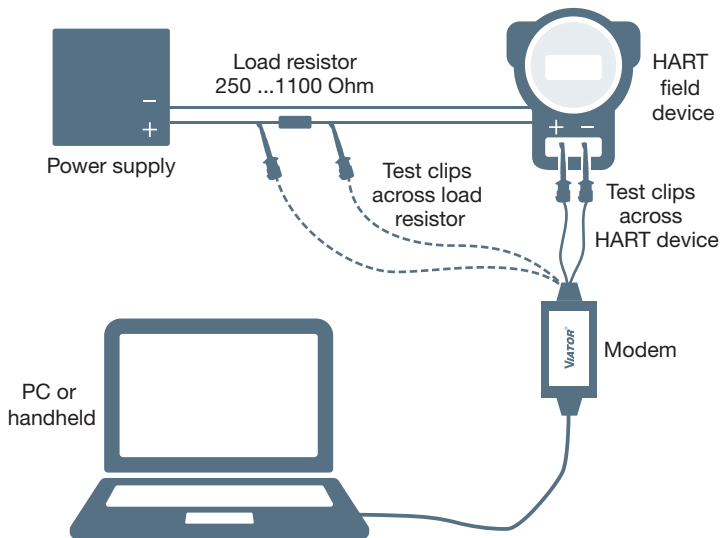- Compatible with 32- and 64-bit Windows® 7 and 10

Interface for commissioning, calibrating, and acquiring data from HART field devices

CE

Function

The Viator® USB-HART interface provides a flexible PC communication link to HART networks. It is used for commissioning, maintaining and calibrating HART field devices or transmitters, as well as for collecting data from these devices. The interface is compact and rugged, making it suitable for field use.

Connection

Technical Data

Supply	
Input current	11 mA at 5 V
Power supply	Powered by USB port No external power required
Interface	
Interface type	USB port
Output	
Signal	0.5 ± 0.1 Vpp trapezoidal wave at 1200/2200 Hz, 24 VDC at 40 mA to device
Galvanic isolation	
Output/interface	1500 V DC
System requirements	

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Technical Data

Operating system	32-bit and 64-bit Windows® 7 and Windows® 10
Ambient conditions	
Operating temperature	-20 ... 50 °C (-4 ... 122 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Relative humidity	0 ... 95 % non-condensing
Mechanical specifications	
Degree of protection	IP20
Connection	USB (type A) Connector , test clips
Material	Polycarbonate
Dimensions	75 mm x 33 mm x 15 mm
Height	15 mm
Width	33 mm
Length	75 mm
Cable length	1.8 m 2-strand wire terminating in 2 test clips 15.2 cm cable terminating in 1 USB type A connector
General information	
Supplementary information	Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com.

Accessories

Accessories for this product can be found on the internet at www.pepperl-fuchs.com.

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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