



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® XP, Vista, 7 and 10

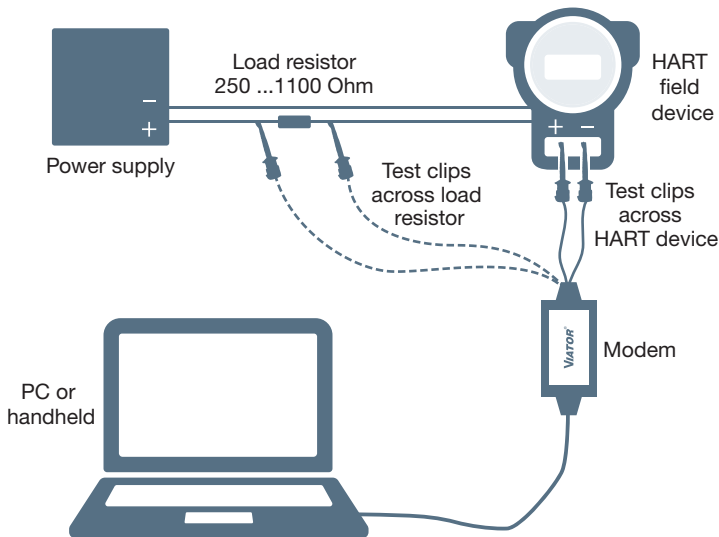
Interface for commissioning, calibrating, and acquiring data from HART field devices



Function

The Viator® USB HART Interface provides a flexible PC communication link to HART networks. It is used to commission, service, calibrate, and acquire data from any HART field device or transmitter. The interface is compact and rugged 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
Directive conformity	
Electromagnetic compatibility	

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

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Technical Data

Directive 2014/30/EU	EN 61326-1:2013 EN 62368-1:2014-08
RoHS	
Directive 2011/65/EU (RoHS)	EN IEC 63000:2018
System requirements	
Operating system	32-bit XP, 32-bit Vista, 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 , red and black test clips
Material	Polycarbonate
Dimensions	75 mm x 33 mm x 15 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

	PACTware 4.1	FDT Framework
	DTM Generic HART	Device type manager (DTM) for HART communication