



Viator USB HART Interface with PowerXpress HM-PF-USB-PWRX-010031P

- Quickly power and communicate with HART field devices
- Powers all 2-wire HART devices, independent of supplier
- Draws power from USB port, needs no external supply to power modem
- Compact, rugged polycarbonate housing for industrial-grade reliability
- Integrated connector cable terminates in 2 test clips and 1 USB connector cable
- Selectable powered-modem or modem-only mode
- Compatible with Windows® 7, 10 and 11

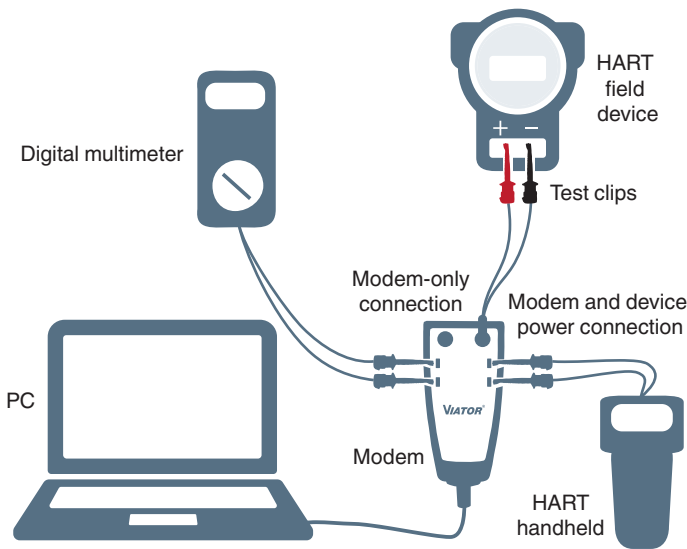
Interface for commissioning, calibrating, and acquiring data from HART field devices



Function

The Viator+® USB HART Interface with PowerXpress™ and a standard PC are all you need to commission, calibrate, and acquire data from any HART device. The interface supplies up to 40 mA of current to power the device. Power is drawn via the USB port, greatly simplifying field and bench commissioning of HART devices.

Connection



Technical Data

Supply	
Input current	30 mA at 5 V for modem only , 255 mA at 5 V with device power and modem
Power supply	Powered by USB port , No external power required
Interface	
Interface type	USB 2.0 port or higher
Output	
Signal	0.5 ± 0.1 Vpp trapezoidal wave at 1200/2200 Hz, 24 VDC at 40 mA to device
Galvanic isolation	
Output/interface	500 V DC

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Technical Data

Directive conformity

Electromagnetic compatibility		
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		Windows® 7, 10 and 11 with 32 and 64 bits
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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		96 mm x 47 mm x 24 mm
Height		24 mm
Width		47 mm
Length		96 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 .
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