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
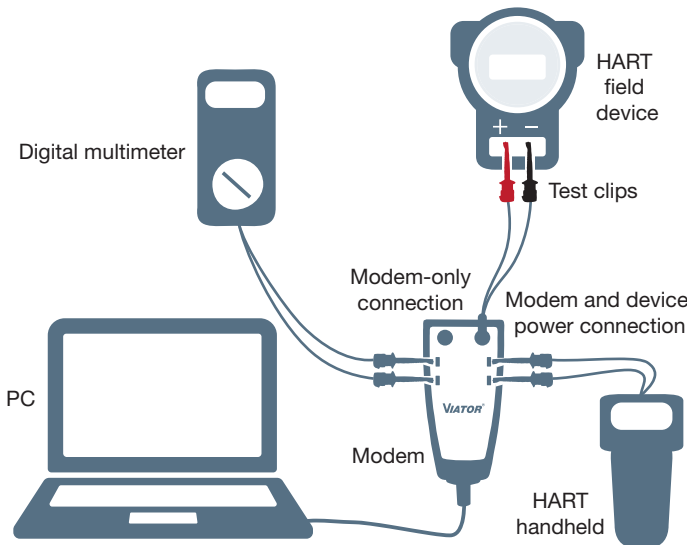- Compatible with 32- and 64-bit Windows® XP, Vista, 7 and 10

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

$C\,\epsilon$

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
Directive conformity	

PEPPERL+FUCHS

Technical Data

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		32- 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		96 mm x 47 mm x 24 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	**PACTware 4.1**	FDT Framework
	DTM Generic HART	Device type manager (DTM) for HART communication

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

Pepperl+Fuchs Group   USA: +1 330 486 0002   Germany: +49 621 776 2222   Singapore: +65 6779 9091
www.pepperl-fuchs.com   pa-info@us.pepperl-fuchs.com   pa-info@de.pepperl-fuchs.com   pa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS   2