



Viator RS-232 HART Interface

HM-PF-RS232-010001

- HART compliant for communication with any HART field device and error-free slave testing
- Easy installation
- Draws power from RS-232 port, needs no external supply to power modem
- Compact, rugged polycarbonate housing for industrial-grade reliability
- Polarity insensitive test clips
- Transformer isolation allows you to connect the interface across the load resistor or the field device
- Compatible with 32- and 64-bit Windows® XP, Vista, 7 and 10

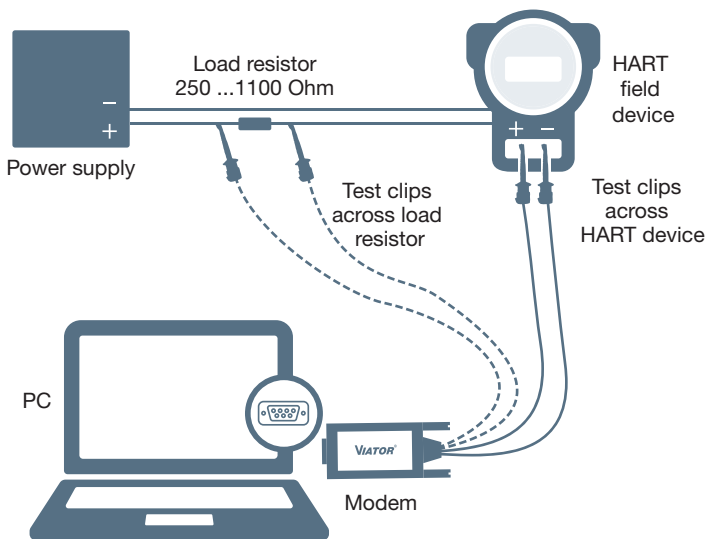
Interface for communication with HART field devices



Function

The Viator® RS-232 HART Interface provides a 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	4 mA
Power supply	4 ... 12 V powered by DTR and RS-232 inputs No external power required
Interface	
Interface type	RS-232 port
Output	
Signal	0.5 ± 0.1 Vpp trapezoidal wave at 1200/2200 Hz
Galvanic isolation	
Output/interface	1500 V DC
Directive conformity	

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0002
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222
pa-info@de.pepperl-fuchs.com



Singapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com

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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	Operating system that supports serial COM port
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	DB-9 connector , 2-pin polarity-insensitive test clips
Material	Polycarbonate
Dimensions	49 mm x 33 mm x 15 mm
Cable length	1.8 m 2-strand wire terminating in 2 test clips
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