



VIATOR[®] RS232 HART[®] Interface

Model 010001 for use with HART field devices

It's easy to talk to any HART[®] instrument with a personal computer and a VIATOR RS232 HART Interface.



Economical and easy-to-use

- Fully HART compliant for communication with any HART instrument and error-free slave testing
- Low power operation for long battery life and notebook compatibility
- Requires no special installation
- CE approved for sale in Europe
- Draws power from RS232 port and needs no external power supply
- Rugged ABS plastic case gives you industrial-grade reliability in a small package
- Adheres to EIA-RS232C standard and provides DTR/DSR and CTS/RTS signaling as well as true CD for hardware handshaking
- Integral 6-foot connector cable terminates in two test clips
- Polarity insensitive so you may attach either one of the test clips to positive or negative poles

Transformer isolation allows you to connect the unit across the current sense resistor or the field device

TECHNICAL SPECIFICATIONS	VIATOR RS232 HART IF
SOFTWARE	
Operating System	OS that supports serial COM port
PCMCIA Interface	n.a.
ELECTRICAL	
Power Supply	+ 4V to + 12V. System powered by DTR and RTS RS232 inputs. Does not use external power supply
Supply Current	1.5 mA @ +4V. 4.0 mA @ + 12V
Pins to Computer	DB-9 Connector
Pins to HART device	2-pin, polarity insensitive test clips
Output Level	0.5 +/-0.1 Vpp trapezoidal wave @ 1200/2200 Hz
Isolation	1500 VDC between instrument and computer
ENVIRONMENTAL	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Storage Humidity	0% to 95% relative humidity
PHYSICAL DIMENSIONS	
Enclosure	1.95x1.31x0.59 in (49.4x33.3x15 mm) ABS industrial enclosure
Cable	6' 2-strand wire terminating in two test clips
CERTIFICATION	
EMC 89/336/EEC	CE approved for emissions and immunity, EN 61326
For use in FM Hazardous Locations	In compliance with the FM standard for Class I Division II Hazardous Locations



MACTek Corporation
 7380 Stoneham Road, Gates Mills, OH 44040 USA
 +1 440 423-0955 (voice) +1 440 423-0967 (fax)
 e: tholmes@mactekcorp.com w: www.mactekcorp.com