POWER Xpress® Plus

POWER Xpress® Plus

Ideal for field service, commissioning, engineering, training, table top shows, lunch and learns and demo cases!

Economical, easy-to-use and saves time

- Fully HART compliant for communication with any HART instrument and error-free slave testing. CE Tested and Approved
- Powers all 2-wire HART devices – independent of supplier
- Easy installation *(Software Driver Included)*
- CE approved for use in Europe (Pending)
- Draws power from USB port and needs no external power supply
- Rugged ABS plastic case gives you industrial-grade reliability in a small package
- Integral 6-foot connector cable terminates in two test clips
- Integral 12 inch USB connector cable
- When powering the transmitter from the integral power supply, Red is the positive lead. When operating in unpowered modem mode the PowerXpress *Plus* is polarity insensitive so you may attach either one of the test clips to positive or negative poles for modem only use. Transformer isolation allows you to connect the unit across the current sense resistor or the field device
- Power + Modem, Power only or Modem Only mode is easily plug selected so you'll always have a power supply with you.

The **PowerXpress *Plus* USB HART Modem** is a complete and flexible PC communication link to HART networks and power kit, for commissioning, servicing, calibrating, or acquiring data from any HART instrument or transmitter. This external interface is rugged and compact for field use.

TECHNICAL SPECIFICATIONS	PowerXpress Plus USB HART Interface - Model H100USB-M
SOFTWARE	
Operating System	WINDOWS 98, 2000, 32-bit XP, 32-bit VISTA , 32 and 64-bit Windows 7
USB Interface	Available USB 2.0 Port or higher
ELECTRICAL	
Power Supply	System powered by USB Port. Does not require external power
Supply Current	30mA @ +5V for modem only; 255mA @ +5V with device power and modem
Pins to Computer	USB A Connector (Standard PC/Laptop connection)
Pins to HART Device	2-pin, polarity insensitive test clips
Output Level	0.5 +/- 0.1 Vpp trapezoidal wave @ 1200/2200 Hz, 24Vdc @ 40mA to device
Isolation	500 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 – General Purpose	3.78 x 1.85 x 0.94 in (96 x 47 x 24 mm) ABS industrial enclosure
Test Clip Cable	6 foot 2-strand wire terminating in two test clips
USB Cable	12 inch cable terminating in a USB type A connector
CERTIFICATION	
EMC 89/336/EEC	CE approved for emissions and immunity, EN 61326

POWER Xpress™

PowerXpress Solutions
107 Oak Newel, Peachtree City, GA 30269 USA
+1 770-487-5997(office) +1 678-637-9062(cell)
email: chuck@powerxpresssolutions.com
website: www.powerxpresssolutions.com