HM-USB-PWR
USB HART Modem, Integrated Power Supply

CE

RoHS ✓

Description:
Perform HART communications between a HART transmitter and a Windows or Android device using USB. Unit can also supply power to the HART transmitter for easy setup.

Features and Benefits:
- Combination HART Modem and Power Supply for HART transmitters
- +24Vdc supply from USB connection or AC to USB adapter
- 1500 Vdc Opto Isolation between HART and USB circuits
- Supports all USB versions
- Integral standard USB type A connector
- Heavy duty HART Mini-grabber connectors
- Designed to meet HART Physical Layer Spec HCF_SPEC-54
- Self powered, no external power supply or batteries needed
- Built-in Loop Resistor
- Easy to install Virtual Serial Port for any Windows application
- Rugged ABS plastic enclosure
- Works with DevCom2000 and DevComDroid and many other HART Windows software
- 1 Year warranty

Specifications:

Enclosure

Material	High strength ABS Plastic
Dimensions	5.5" x 2.5" x 1.0" (140mm x 64mm x 25mm)
Total Unit Weight	8 oz (227 g)

Cables

Cable Length	6' (1.8 m)
USB Cable Connector	USB Type A

HART

Interface	Capacitive and transformer coupling
Output	600 mVpp
Leakage	< 10 uA
Isolation Voltage	1500 Vdc
Specifications	HART 4, HART 5, HART 6, HART 7, wirelessHART
	HART Physical Layer Spec HCF_SPEC-54

Computer

Operating System	Windows 7 or higher
	Android 4.3 or higher

USB

Specifications	USB 1.1, USB 2.0
Power	USB port provides power to unit
Current Draw	30mA (Modem Only Mode)
	225mA (Power Supply Mode)

Environmental

Operating Temperature	0 degC to 50 degC (32 degF to 122 degF)
Storage Temperature	-40 degC to 85 degC (-40 degF to 185 degF)
Humidity	0% to 95% (non-condensing)

Compliances

CE Certification	EN 61326 (EMC), Directive 2011/65/EU (RoHS)

ProComSol, Ltd

Process Communications Solutions

Phone: 216.221.1550
Toll Free: 877.221.1551
Email: sales@procomsol.com
Web: www.procomsol.com