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

RoHS

Features:

- Combination HART Modem and Power Supply for HART transmitters
- +24Vdc supply from USB connection to PC or AC outlet
- 1500 Vdc Opto Isolation between HART and USB circuits
- USB 1.1 and 2.0 compatible
- 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
- 6' (1.8m) cable length
- Easy to install Virtual Serial Port for any Windows application
- Compact size 5.5" x 2.5" x 1.0" (140mm x 64mm x 25mm)
- Rugged ABS plastic enclosure
- HART Modem Test Program included
- HART Foundation Registered (pending), Registration Number tbd
- CE certified (pending)
- Cost effective
- Each unit 100% tested
- 1 Year warranty

Our Quality Management System is
ISO 9001:2008 Certified

Specifications:

Enclosure

Material	High strength ABS Plastic
Dimensions	5.5" x 2.5" x 1.0" (140mm x 64mm x 25mm)
Total Unit Weight	6.4 oz (181 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, HART Physical Layer Spec HCF_SPEC-54
HART Foundation	Registration Number tbd (pending)

Computer

Operating System	Windows XP, Vista (32/64), 7 (32/64), 8 (32/64), 10 (32/64)

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

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