

HM-USB-ISO
HART Modem - USB
Electrically Isolated



Features:

- 1500 Vdc Opto Isolation between HART and USB circuits
- USB 1.1 and 2.0 compatible
- Integral standard USB type A connector
- Integral heavy duty HART Minigrabber connectors
- Certified to meet HART Physical Layer Spec HCF_SPEC-54
- Self powered, no external power supply or batteries needed
- 48" (1.2m) cable length
- Easy to install Virtual Serial Port for any Windows application
- Compact size 2.75" x 2.0" x 0.8" (70mm x 51mm x 20mm)
- Rugged ABS plastic enclosure
- Custom cable lengths available
- Banana plug option available (HM-USB-ISO-BP)
- HART Modem Test Program included
- Cost effective
- Each unit 100% tested
- 1 Year warranty





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Specifications:

Isolation

Isolation Voltage 1500 Vdc

Enclosure

Material High strength ABS Plastic
Dimensions 2.75" x 2.0" x 0.8" (70mm x 51mm x 20mm)
Total Unit Weight 3 oz (85 g)

Cables

HART Cable Length 4' (1.2 m)
HART Cable Connectors Mini-Grabber
USB Cable Length 18" (0.5 m)
USB Cable Connector USB Type A

HART

Interface Capacitive and transformer coupling
Output 600 mVpp
Leakage < 10 uA
Connections Across loop resistor or HART field device
Specifications HART 4, HART 5, HART 6

USB

Specifications USB 1.1, USB 2.0
Power USB port provides power to unit
Current Draw 20mA

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 99% (non-condensing)