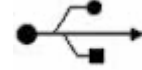




51HMUSBXXX
HART® Modem - USB
Electrically Isolated



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 (51HMUSB04B)
- HART® Modem Test Program included
- HART® Foundation Registered, Registration Number L2-06-1000-070
- CE certified
- Cost effective
- Each unit 100% tested
- 1 Year warranty



51HMUSB04A shown above with minigrabbers

Specifications:

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
Isolation Voltage	1500 Vdc
Connections	Across loop resistor or HART® field device
Specifications	HART® 4, HART® 5, HART® 6, HART® 7, HART® Physical Layer Spec HCF_SPEC-54
HART® Foundation	Registration Number L2-06-1000-070

Computer

Operating System	Windows NT, 2000, XP, Vista (32/64), 7 (32/64), 8 (32/64)
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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)

Compliances

CE Certification	EN 61326 (EMC)	Note: This Modem is not RoHS 2011/65/EU Compliant
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Rugged Pressure & Level Measurement Solutions