



# ProComSol, Ltd

*Process Communications Solutions*

**technical**

[www.technical-sys.com](http://www.technical-sys.com)  
**1-86-MEASURE-1** (1-866-327-0731)

expanding possibilities

# HM-USB

## HART Modem - USB



### Feature Highlights:

- 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 2.5" x 1.5" x 0.75" (64mm x 38mm x 19mm)
- Rugged ABS plastic enclosure
- Custom cable lengths available
- Banana plug option available (HM-USB-BP)
- HART Modem Test Program included
- HART Foundation Registered, Registration Number L2-06-1000-012
- Low cost
- 1 Year warranty



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## HART Modem - USB



### Specifications:

#### Enclosure

Material	High strength ABS Plastic
Dimensions	2.5" x 1.5" x 0.75" (64mm x 38mm x 19mm)
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 coupling
Output	600 mVpp
Leakage	< 10 uA
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 L2-06-1000-012

#### 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)

#### Quality

Warranty	1 Year
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