





# HM-BT-BAT-ER HART® Modem - Bluetooth Extended Range





#### **Benefits:**

- Access hard to reach instrumentation from the ground or your truck
- Improve plant personnel safety
- Easy instrument configuration using PC's or Mobile devices without bulky modules or wires
- Less clutter on desk or workbench

#### Features:

- Bluetooth v2.0
- Reliable wireless communication up to 275 ft (83.8m)
- Internal antenna
- Rechargeable Li-Ion battery via mini-USB connector
- Integral heavy duty HART Minigrabber connectors
- Meets HART Physical Layer Spec HCF SPEC-54
- High security 128 bit encryption
- Compact size 2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)
- Rugged ABS plastic enclosure
- HART Modem Test Program included for Windows
- Integrated loop for hanging strap attachment
- Each unit 100% tested
- Works with DevCom2000 and DevComDroid
- 1 Year warranty







### **Specifications:**

**Enclosure** 

Material High strength ABS Plastic

Dimensions 2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)

Total Unit Weight 6 oz (170 g)

**Cables** 

HART Cable Length 4' (1.2 m)
HART Cable Connectors Mini-Grabber

**HART** 

Interface Capacitive coupling

 $\begin{array}{ll} \text{Output} & 600 \text{ mVpp} \\ \text{Leakage} & < 10 \text{ uA} \end{array}$ 

Connections Across loop resistor or HART field device Specifications HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF\_SPEC-54

Computer

Operating System Windows 7 and higher

Android 4.3 and higher

**Bluetooth** 

SpecificationsBluetooth v2.0Frequency2.4 GHzClass 1 Master Distance275' (83.8m)Class 2 Master Distance25' (7.6m)

**Battery** 

Type Rechargeable Li-Ion
Life 19 hours continuous use

**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** 

MK-1023, 01/03/2022

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

## ProComSol, Ltd

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