



HI331

Bluetooth HART Interface

HART®



Benefits:

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

Features:

- Bluetooth v2.0;
- 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 PC and Pocket PC;
- Integrated loop for hanging strap attachment;
- Each unit 100% tested;
- 1 Year warranty.

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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
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

Bluetooth	
Specifications	Bluetooth v2.0
Frequency	2.4 GHz
Class 1 Master Distance	275' (83.8m)
Class 2 Master Distance	25' (7.6m)

Computer	
Operating System	Windows NT, 2000, XP, Vista (32/64), 7 (32/64), 8 (32/64)
Bluetooth USB Adapter	Included

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	275' (83.8m)



Specifications and information are subject to change without notice.
Up-to-date address information is available on our website.

web: www.smar.com/contactus.asp

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