

S000SVBHM0001 HART Ex Bluetooth Modem

SensEvolution® System Product Line



OVERVIEW

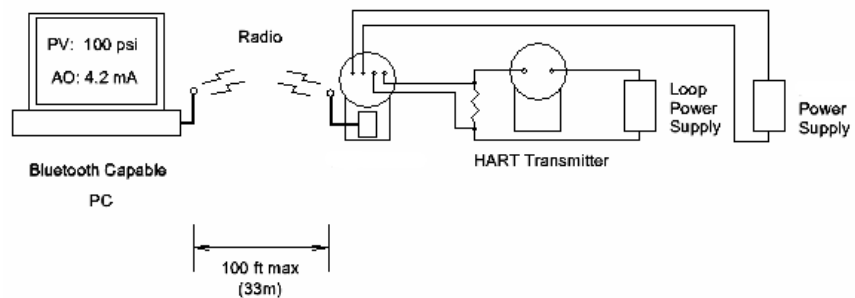
The *S000SVBHM0001 Hart Ex Bluetooth Modem* is designed to connect PC's to HART networks via wireless Bluetooth technology.

The explosion proof enclosure allows the unit to be mounted permanently in the plant. The user's application software can then configure, monitor, and document HART based instrumentation from up to 100ft (33m) away without opening HART instrument covers.

DETAILS

The complete system consists of Host PC with Bluetooth transmitter, *S000SVBHM0001 Hart Ex Bluetooth Modem*, Power Supply, and HART network. The Host PC can be a Pocket PC PDA.

For PC's without an integral Bluetooth transmitter, there are many add-on transmitter modules available.



ADVANTAGES

Access "hard to reach instrumentation" from the ground

- Easy instrument configuration using PDA's or PC's without bulky modules or wires
- Permanent in-field installation preserves explosion proof environment
- Explosion proof ATEX,GHOST, UL,CSA Version Available

FEATURE HIGHLIGHTS

- Bluetooth v1.2
- Reliable wireless communication up to 100 ft (30m)
- Internal antenna
- Powered via 12Vdc to 36Vdc
- Bluetooth Activity and Power LEDs visible through glass cover
- Meets HART Physical Layer Spec HCF_SPEC-54
- High security 128 bit encryption
- Type Ex proof IP66 Enclosure.
- Conduit sizes ¾ inch GK (standard), NPT,ISO (optional)
- HART Modem Test Program included for PC and Pocket PC PDA
- Optional Mounting Bracket available
- 1 Year warranty

B.A.G.G.I. srl
Viale Campania, 29
20133 Milano
Info@baggi.com

BAGGI
<http://sensevolution.baggi.com>

SENSEVOLUTION
Industrial measurement & analysis solutions

S000SVBHM0001 HART Ex Bluetooth Modem

SensEvolution® System Product Line



SPECIFICATIONS

ENCLOSURE

Material	Light Gray, copper free Alluminium
Dimensions	6" x 5.5" x 5" (152mm x 140mm x 126mm)
Weight	2.2 lbs (1 kg)
Interface	Conduit sizes 3/4" GK (NPT,ISO METRIC optional)
Certifications	Explosion proof Zone 1,2 or 21,22 II 2G Ex d IIC T6 – IP66 II 2D Ex tD A21 T85°C –IP66

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 v1.2
Frequency	2.4 GHz
Class 1 Master Distance	100' (30m)
Class 2 Master Distance	25' (7.6m)

POWER INPUT

Voltage	12Vdc to 36Vdc
Power	600 mW

ENVIRONMENTAL

Operating Temperature	-20 degC to 60 degC (-4 degF to 140 degF)
Storage Temperature	-40 degC to 85 degC (-40 degF to 185 degF)
Humidity	0% to 99% (non-condensing)

QUALITY

Warranty	1 Year
----------	--------



GOST-R
RTR Ex Proof



B.A.G.G.I. srl
Viale Campania, 29
20133 Milano
Info@baggi.com

BAGGI

<http://sensevolution.baggi.com>

SENSEVOLUTION
Industrial measurement & analysis solutions