



BLUETOOTH WIRELESS PRESSURE TRANSDUCER



iDucer™
Bluetooth Wireless Pressure Transducer



iDucer™

FEATURES:

- Bluetooth 4.0 wireless output
- Self contained, battery powered (short range, low energy)
- Connects with smart phone, tablets and PC
- Pressure ranges 0 to 1 PSI thru 0 to 30K PSI (70 mBAR thru 2,068 BAR)
- Standard accuracy of 0.5% FSO
- Power save mode

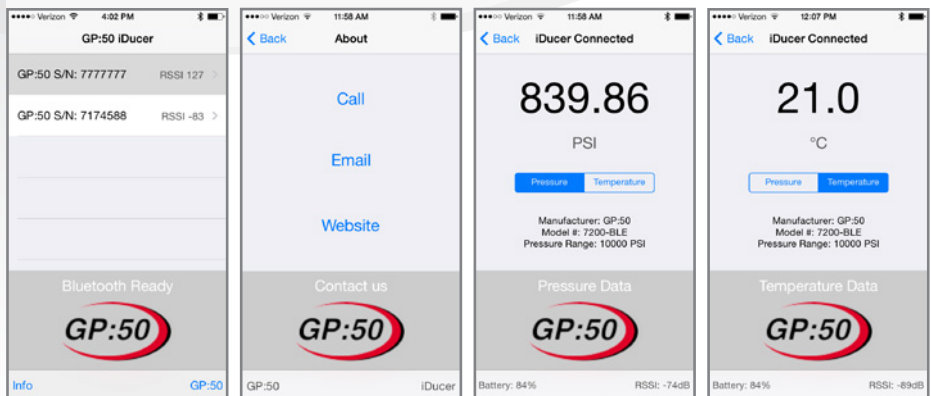
APPLICATIONS:

- Irrigation
- HVAC
- Hydraulic test stands
- Marine

PRODUCT OVERVIEW:

GP:50's iDucer is an innovative design that allows for wireless pressure measurement in almost any location. Its unique design allows for those remote applications where conventional pressure transducers will not be practical.

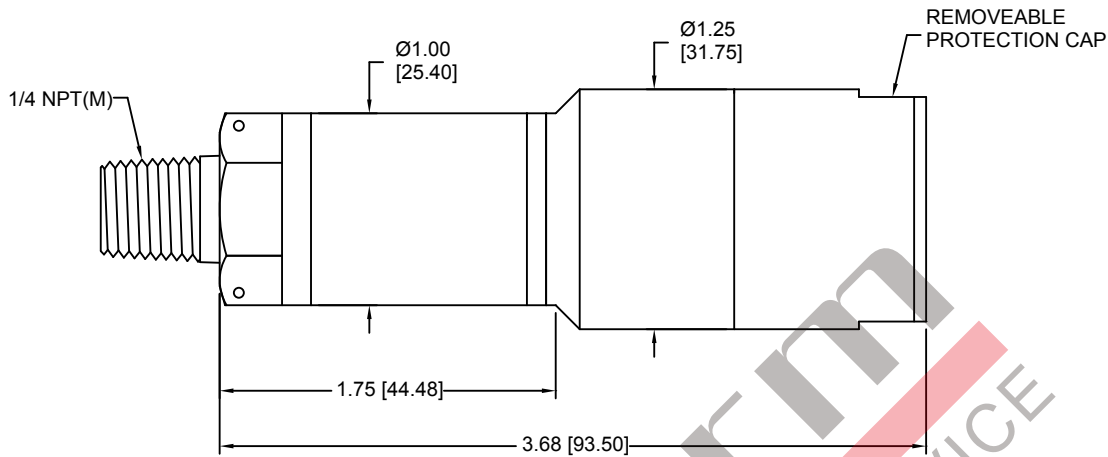
IOS APPLICATION:



GP:50 iDUCER™

DIMENSIONAL DRAWING

All dimensions are in inches (mm)



REFERENCE SPECIFICATIONS

ELECTRICAL <ul style="list-style-type: none"> • 3-volt battery: standard CR2032 coin cell • Vdc Range: 2.0 V to 3.6 V • Output signal: Bluetooth Smart 4.0 • Connection: Wireless 	MECHANICAL <ul style="list-style-type: none"> • Process Connection: 1/4" NPT (M)
MATERIALS OF CONSTRUCTION <ul style="list-style-type: none"> • Wetted Parts: <ul style="list-style-type: none"> ≤2000 PSI 316L SST w/silicon oil fill (Other fill available) >2000 PSI 17-4 PH SST • Housing: 316 stainless steel 	PRESSURE RANGES <ul style="list-style-type: none"> • 0 to 1 PSI thru 0 to 30K PSI (0.1 thru 2,068 BAR)
STATIC ACCURACY (HYSTERESIS, NON-LINEARITY & REPEATABILITY @ +70 °F) <ul style="list-style-type: none"> • ±0.5% FSO standard. (±0.25% available) • ±0.1% FSO Noise Floor 	THERMAL SPECIFICATIONS <ul style="list-style-type: none"> • Compensated: +32 °F to +125 °F (0 °C to +50 °C) • Operating process: -4 °F to +185 °F (-20 °C to +85 °C) • Storage: -60 °F to +250 °F (-50 °C to +125 °C) • Effect on zero/span: <±1.5% FSO
	BATTERY LIFE <ul style="list-style-type: none"> • 1 Reading/SEC continuously for 8 hrs. Life can be extended with slower update rate

**Standard configurations shown.
Please consult factory for other options.**

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact GP:50 for assistance with your application.