



## 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 0.1% FSO
- Power save mode

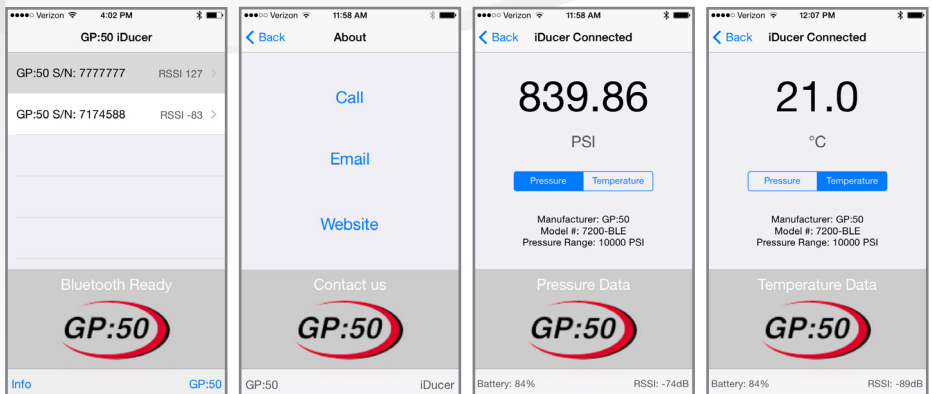
### APPLICATIONS:

- Irrigation
- HVAC
- Remote locations
- 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:



U.K. Distributor: Interface Force Measurements Ltd

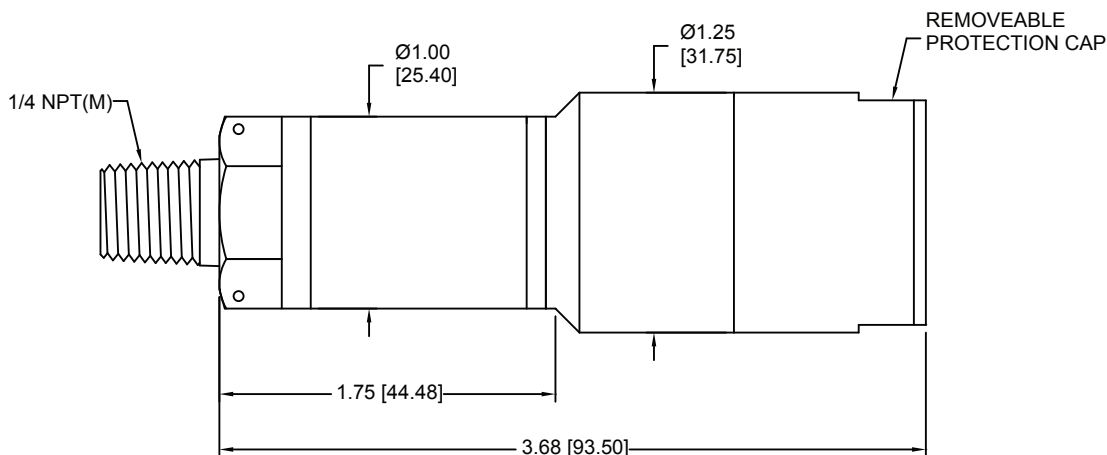
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A5SL-031

# GP:50 iDUCERT™

## DIMENSIONAL DRAWING

All dimensions are in inches (mm)



## REFERENCE SPECIFICATIONS

ELECTRICAL
<ul style="list-style-type: none"> <li>• 3-volt battery: standard CR2032 coin cell</li> <li>• Vdc Range: 2.0 V to 3.6 V</li> </ul>
<ul style="list-style-type: none"> <li>• Output signal: Bluetooth Smart 4.0</li> </ul>
<ul style="list-style-type: none"> <li>• Connection: wireless</li> </ul>
MATERIALS OF CONSTRUCTION
<ul style="list-style-type: none"> <li>• Wetted Parts: 17-4 PH stainless steel</li> <li>• Housing: 316 stainless steel</li> </ul>
STATIC ACCURACY (HYSTERESIS, NON-LINEARITY & REPEATABILITY @ +70 °F)
±0.5% FSO standard, ±0.2% and ±0.1% FSO available

MECHANICAL
<ul style="list-style-type: none"> <li>• Process Connection: 1/4" NPT (M)</li> </ul>
PRESSURE RANGES
0 to 1 PSI thru 0 to 30K PSI (0.1 thru 2,068 BAR)
THERMAL SPECIFICATIONS
<ul style="list-style-type: none"> <li>• Compensated: +32 °F to +125 °F (0 °C to +50 °C)</li> <li>• Operating process: -40 °F to +185 °F (-40 °C to +85 °C) standard automotive range</li> <li>• Storage: -60 °F to +250 °F (-50 °C to +125 °C)</li> <li>• Effect on zero/span: &lt; ±1.5% FSO</li> </ul>
FORMATS
Optional

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.

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