IntelliSense® Pressure/Temperature Sensor

Your configured part number: ISS-1A-7SS

Features and Benefits

Combination pressure and temperature sensor:
– Proprietary communication protocol for use with an IntelliSense® Sensor Interface Module
– 10-32 thread SS pressure port
– IP69K rated when used with appropriate cables
– Male four pin micro M8 connector

Engineering Specifications

Pressure Sensing Performance Specification:
Rated pressure: 0 psia [0 bar(a)] to 200 psia [14 bar(a)]
Overpressure rating: 2X Rated Pressure
Burst pressure: 5X Rated Pressure
Resolution: 0.01 psi [0.001 bar]
Accuracy: 0 psi [0 bar] to 87 psi [6 bar]

32° F [0° C] to 104° F [40° C]	±0.29psi [± 20 mbar]
-40° F [-40° C] to 185° F [85° C]	±0.58psi [± 40 mbar]

Response time: 1 ms
Temperature Sensing Performance Specification:
Temperature Range: -9° F [-15° C] to 127° F [60° C]
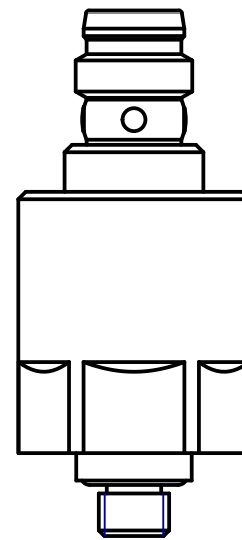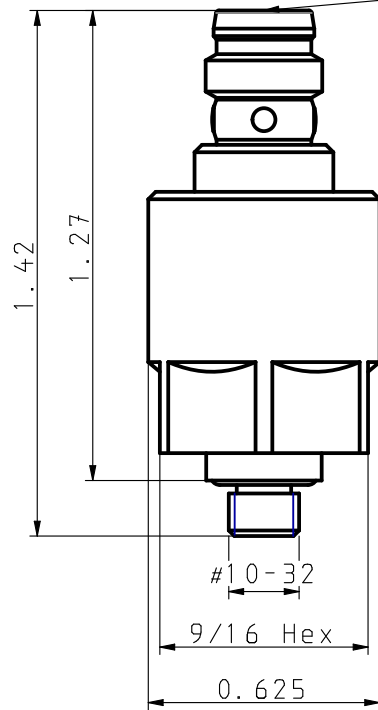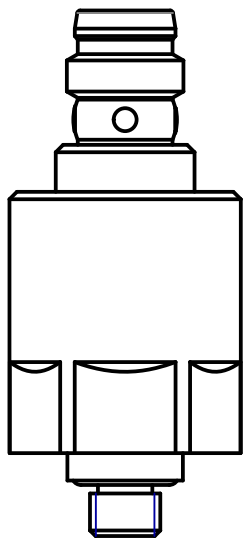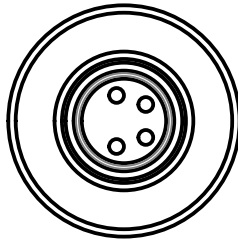Resolution: <0.02° F [0.01° C]
Accuracy: ±18° F [±10° C]

Service and Design Capabilities

• **Replacement part**
• **Requires IntelliSense ® Sensor Interface Module (SIM) to collect data**
• **Order IntelliSense ® Kit if both SIM and Sensors are needed**

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Email: cs@bimba.com
www.bimba.com

Leaders in Actuation.

M8 4-Pin Connector

1.42

1.27

#10-32

9/16 Hex

0.625

ISS-1A-7SS

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