FCI® AEROSPACE

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Application Data Sheet (ADS)

Aerospace & Military Products
Temperature, Flow, Liquid Level & Pressure Sensors

* Required information

Customer Information

Date: _____

* **Company Name:** _____

* **Address:** _____

_____

* **City:** _____ State: _____ * ZIP/Postal Code: _____

Country: _____ ☐ Commercial ☐ Military

* **Technical Contact:** _____

* **Phone:** _____ Fax: _____

* **Email:** _____

Procurement Contact: _____

Phone: _____ Fax: _____

Email: _____

Application Information

Sensor type: ☐ Temperature ☐ Pressure ☐ Flow ☐ Level/Interface ☐ Other: _____

Mounting connection: ☐ Thread ☐ Flange Description _____

Input Power: ☐ 28 Vdc ☐ 110 Vac, 60 Cycle ☐ Other: _____

Alarm Output: ☐ Open Collector ☐ Analog Output Only ☐ Other: _____

Application Sketch

☐ **Sending sketch via email**

Process Conditions

Primary process media (at sensor location): _____

☐ Gas ☐ Liquid

Temperature - specify units: ☐ °F ☐ °C ☐ Other: _____

Minimum: _____ Nominal: _____ Maximum: _____

Pressure - specify units; ☐ psig ☐ psia ☐ bar(g) ☐ atm ☐ Other: _____

Minimum: _____ Nominal: _____ Maximum: _____

Secondary process media (flow or level): _____

☐ Gas ☐ Liquid

Temperature - specify units: ☐ °F ☐ °C ☐ Other: _____

Minimum: _____ Nominal: _____ Maximum: _____

Pressure - specify units; ☐ psig ☐ psia ☐ bar(g) ☐ atm ☐ Other: _____

Minimum: _____ Nominal: _____ Maximum: _____

Interface description (specify interface state; foam, sediment, slurry): _____

Calibration Conditions *(Customer must specify calibration media)*

Temperature/Pressure Applications

Temperature/Pressure range:

☐ As entered for the primary media in Process Conditions section above

☐ As entered for the secondary media in Process Conditions section above

☐ Other _____

Alarm set point: No. 1 _____

No. 2 _____

No. 3 _____

Analog output signal: ☐ Not required

☐ 0-5 Vdc

☐ 0-10 Vdc

☐ Other _____

For temperature applications only

Element type: ☐ RTD

☐ Thermistor

☐ Thermocouple

Flow Sensor Applications

Duct inside diameter: _____ ☐ Inch ☐ mm

Pipe orientation: ☐ Horizontal ☐ Vertical

Sensing element mounting: ☐ Side ☐ Top

Flow direction: ☐ Right to left ☐ Left to right

☐ Top to bottom ☐ Bottom to top

Flow rate: Min. _____ Max. _____

Nominal flow rate: _____

Flow units: _____

Alarm set point: No. 1 _____

No. 2 _____

No. 3 _____

Signal output: ☐ 0-5 Vdc ☐ 0-10 Vdc

Media: ☐ Air ☐ Fuel

☐ Hydraulic fluid ☐ Coolant

Description: _____

_____

Level/Interface Applications

Sensing element mounting: ☐ Side

☐ Top ☐ Bottom

Level or interface rate-of-change (at sensing element): _____

☐ Inch/sec ☐ mm/sec

☐ Inch/hr ☐ mm/hr

Alarm set point elevation distance from mounting connection: No. 1 _____

No. 2 _____

No. 3 _____

No. 4 _____

No. 5 _____

Analog output signal:

☐ Stepped ☐ Continuous

☐ 0-5 Vdc ☐ 0-10 Vdc

☐ Not required

☐ Other _____

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