

## Customer Information

Customer Name & Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

P.O. No.: \_\_\_\_\_ Customer Order: \_\_\_\_\_

Tag Number(s):


## Control Circuit Jumper Section (Required for Block 12, Codes 1 through W of OIS)

Input Power: 115 Vac 230 Vac 24 Vdc 24 Vac

### Application Matrix

*(Circle one alarm combination and enter in Blocks 10 - 11 on OIS)*

Alarm 1 \ Alarm 2	Gas Flow	Liquid Flow	Level (Wet/Dry)	Inter-face	Temperature
Not required	<b>A 0</b>	<b>B 0</b>	<b>C 0</b>	<b>D 0</b>	<b>E 0</b>
Gas Flow	<b>A A</b>				
Liquid Flow		<b>B B</b>	<b>C B</b>	<b>D B</b>	
Level (Wet/Dry)	<b>A C</b>	<b>B C</b>	<b>C C</b>	<b>D C</b>	
Interface		<b>B D</b>		<b>D D</b>	
Temperature	<b>A E</b>	<b>B E</b>	<b>C E</b>	<b>D E</b>	<b>E E</b>

### Alarm No. 1

Alarm Condition:

Relay de-energized with low flow, low level (dry), or high temperature  
 Relay de-energized with high flow, high level (wet), or low temperature

Contact Configuration: SPDT  
 DPDT (This selection disables Alarm No. 2)

### Alarm No. 2

Alarm Condition:

Relay de-energized with low flow, low level (dry), or high temperature  
 Relay de-energized with high flow, high level (wet), or low temperature

Contact Configuration: SPDT (only)

## Instrument Calibration (Required for Block 12, Codes 3 through W of OIS)

### Part 1: Process Conditions

Primary Flow Media: \_\_\_\_\_  
 Lower Level Media: \_\_\_\_\_  
 Gas Liquid  
**Temperature:** °F °C  
 Minimum \_\_\_\_\_ Nominal \_\_\_\_\_ Maximum \_\_\_\_\_  
**Pressure:** Psig Bar(g)  
 Minimum \_\_\_\_\_ Nominal \_\_\_\_\_ Maximum \_\_\_\_\_

Secondary Flow Media: \_\_\_\_\_  
 Upper Level Media: \_\_\_\_\_  
 Gas Liquid  
**Temperature:** °F °C  
 Minimum \_\_\_\_\_ Nominal \_\_\_\_\_ Maximum \_\_\_\_\_  
**Pressure:** Psig Bar(g)  
 Minimum \_\_\_\_\_ Nominal \_\_\_\_\_ Maximum \_\_\_\_\_

Interface Description (specify state: foam, sediment, slurry): \_\_\_\_\_

### Part 2: Calibration Conditions

**IMPORTANT:** FCI calibrates in two medias; choose Water or Air

For Temperature Applications Only	For Flow Applications Only	For Level/Interface Applications Only
Temperature Range As entered for the primary/lower media in the "Process Conditions" section above. As entered for the secondary/upper media in the "Process Conditions" section above. Other: _____ Alarm Set Point: No. 1 _____ No. 2 _____ Analog Output Curve: Required Not required <b>Note:</b> For vacuum and/or small volume (less than 10 in. <sup>3</sup> or 150 cm <sup>3</sup> ) process conditions, calibration of the temperature output is recommended if the temperature alarm is used in combination with a flow or level/interface alarm.	Pipe or duct inside diameter: _____ inches      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 Range: minimum _____ maximum _____ Nominal Flow Rate: _____ Flow Units: _____ Alarm Set Point: No. 1 _____ No. 2 _____ Analog Output Curve (per Block 11 on OIS): Air (see Code 8) Water (see Code 9) Special (see Code W) Not required	Sensing Element Mounting: Side Top Level Rate-of-Change: _____ (at sensing element) inches/sec mm/sec Interface Rate-of-Change: _____ (at sensing element) inches/hr mm/hr Output Bar Graph: Required Not required