#### **FLUID COMPONENTS INTERNATIONAL LLC**

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### **Order Information Sheet (OIS)**

**FLT93 S** 

## FlexSwitch™ Insertion for Flow, Level & Temperature



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(continued next column)

28. Requires selection of stainless steel tag, Code B in Block 2.

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## Application Data Sheet (ADS)

# **FLT93 S**

 $FlexSwitch^{\,\rm m}$  Insertion for Flow, Level & Temperature

Customer Information																	
Customer Name & Address:	- P.O. No.: Customer Order:																
Tag Number(s):																	
Contact:																	
Phone: Fax:										+							
Fmail:								_		+	++	+-		-	_		
Control Circu	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 O	Alarm No. 1 Alarm Condition:																
Alarm 1 Cas Liquid Laure	Image: Second state of the second state of																
Alarm 2 Flow Flow (Wet/Dr	y) face ature																
Not required A 0 B 0 C 0	DO EO	Contact Configuration: DPDT (This selection disables Alarm No. 2)															
Gas Flow A A		Alarm No. 2															
Liquid Flow BB CB	DB	Alarm Condition:															
Level (Wet/Dry) A C B C C C	DC	□ □ □ Relay de-energized with low flow, low level (dry), or high temperature															
Interface B D	D D	⊠  Relay de-energized with high flow, high level (wet), or low temperature															
Temperature A E B E C E	DE EE	Contact Configuration: 🔲 SPDT (only)															
Instrument Calibration (Required for Block 12, Codes 3 through W of OIS)																	
Part 1: Process Conditions																	
Primary Flow Media:			Secondary Flow Media:														
Lower Level Media:		Upper Level Media:															
Gas Liquid		Gas 🗌 Liquid															
Temperature: <sup>o</sup> F <sup>o</sup> C <sup>o</sup> F <sup>o</sup> C <sup>o</sup> F <sup>o</sup> C <sup>o</sup>			Temperature:       °F       °C         Minimum        Nominal														
Pressure: Psig Bar(g) 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 App			For Level/Interface Applic										Only	1			
As entered for the primary/lower media in the		inches		mm		Sensii	Insing Element Mounting: Side										
"Process Conditions" section above.	Pipe Orientation:	□ horizontal □ vertical												. /			
As entered for the secondary/upper media in the "Process Conditions" section above. Flow Direction: right to			□ side       □ top         left       □ left to right														
□ Other: top to b			ottom 🗌 bottom to top 🛛 Interface Rate-of-Change: inches//hr														
Alarm Set Point: No. 1 Flow Range: minimum No. 2			maximum (at sensing element)														
Analog Output Curve:  Required  Required  Required  Required  Required  Required  Required  Required  Required  Required Required  Required Require			Output Bar Graph:  Required														
Not required     Alarm Set Point: No. 1			No. 2														
Note: 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.       Analog Output Curve (per Block 11 on OIS):         Analog Output Curve (per Block 11 on OIS):       Analog Output Curve (per Block 11 on OIS):			e 9)														