FLUID COMPONENTS INTERNATIONAL LLC

1755 La Costa Meadows Drive | San Marcos, California 92078 USA 760-744-6950 Toll Free (US): 800-854-1993 Fax: 760-736-6250 www.fluidcomponents.com

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:															+	\neg	
Phone: Fax:					_										_	_	
Email:																	
Control Circu	it Jumper Section	(Required 1	for Bloc	:k 12,	Code	es 1 th	nrough	n W of l	DIS)								
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 No. 1 Alarm Condition:														
						I with low flow, low level (dry), or high temperature											
Alarm 2 Gas Liquid Level Flow Flow (Wet/Dr		Relay de-energized with high flow, high level (wet), or low temperature															
Not required A 0 B 0 C 0	DO EO	Contact Configuration: SPDT DPDT (This selection disables Alarm No. 2)															
Gas Flow A A																	
Liquid Flow BB CB	DB	Alarm No. 2 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 C	Configur	ation	: 🗌 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: ^o F ^o C Minimum Nominal Maximum			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																	
IMPORT	ANT: FCI calibrates in two n	nedias; cho	ose 🗌	Wa	iter o	or 🗌	Air										
For Temperature Applications Only For Flow App Temperature Range Pipe or duct inside diameter			nly			For Level/Interface Applications Only Sensing Element Mounting: Side											
As entered for the primary/lower media in the		 inches		mm		Sen	ensing Element Mounting: Side Top										
"Process Conditions" section above.	Pipe Orientation:	horizon	ntal 🗌 vertical														
As entered for the secondary/upper media in the "Process Conditions" section above. Sensing Element Mounting: Flow Direction: I right to I			□ left to	top right	(at sensing element) mm/sec												
Other:	🗌 top to b	oottom	ttom 🗌 bottom to top 🛛 Interface Rate-of-Change: inches//hr														
Alarm Set Point: No. 1 Flow Range: minimum No. 2 Nominal Flow Rate:																	
Analog Output Curve: Required																	
Note: For vacuum and/or small values (loss than 10 in $\frac{3}{2}$						-											
Note: For vacuum and/or small volume (less than 10 in.3 or 150 cm ³) process conditions, calibration of the temper- ature 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): Special (see Code 8) Water (see Code 9)																	