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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

**CONFIGURATION BLOCK**

FCI PART NO.	CUSTOMER PART NO.	DESCRIPTION
TBD	TBD	RELAY SET POINT PROGRAMMED TO FLOW
TBD	TBD	RELAY SET POINT PROGRAMMED TO TEMPERATURE

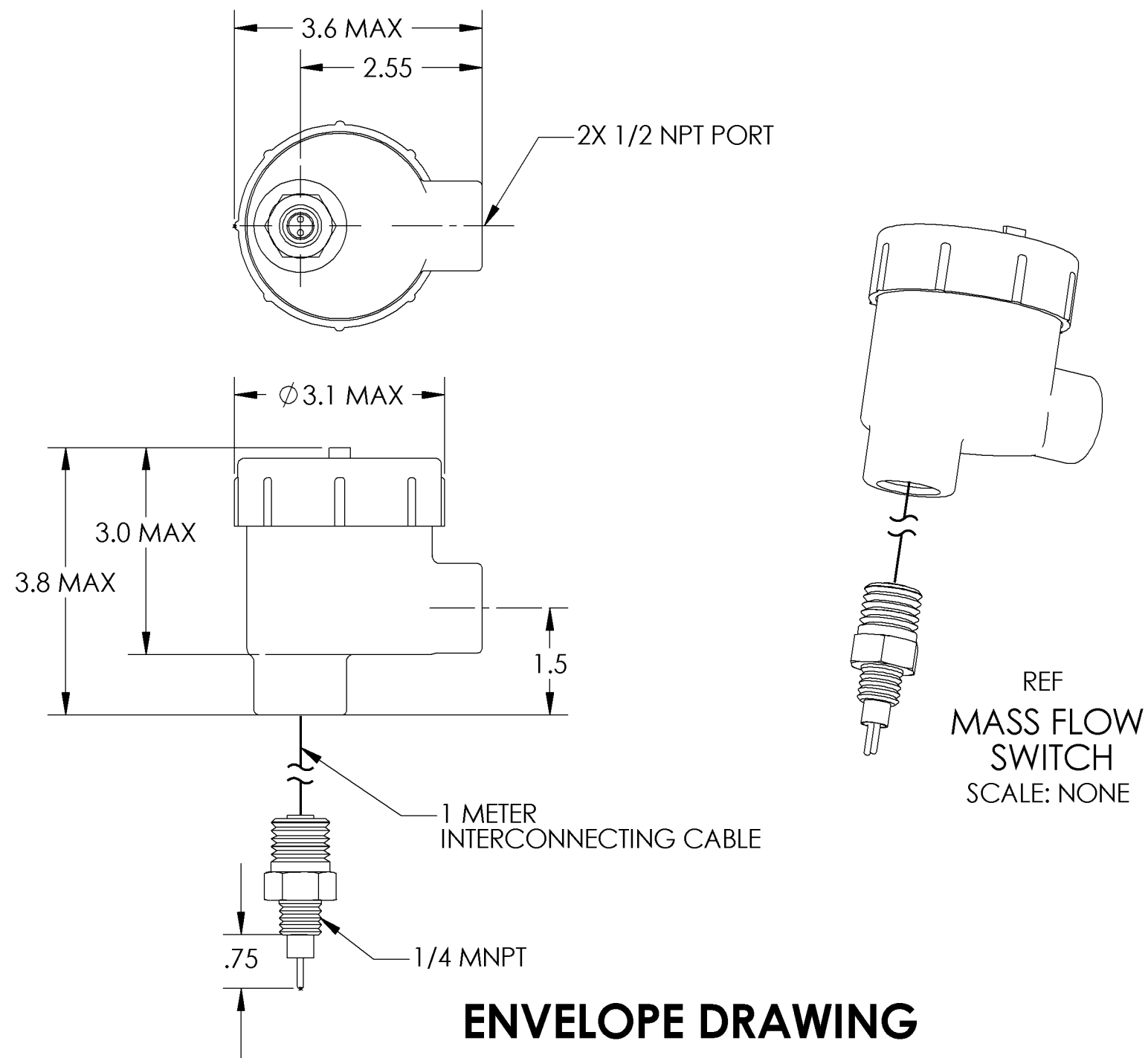
**ELECTRICAL CONNECTOR  
(LOCATED ON CIRCUIT BOARD)**

- J1-1 -V in (POWER GROUND)
- J1-2 +V in (18-36 VDC, 3 WATTS MAX)
- J1-3 SPARE
- J1-4 4 - 20 mA (750 OHMS MAX LOAD)
- J1-5 RETURN (4-20 Vout RETURN)
- J1-6 VOLTAGE OUTPUT (0-10 VDC)

**CONNECTOR PIN OUT**

6. TEMPERATURE RANGE:  
ELECTRONICS: 0 TO +140 °F (-18 TO 60 °C)  
PROCESS: 40 TO +450 °F (5 TO 232 °C)
5. FLOW RATE: FIELD ADJUSTABLE LOW FLOW SET POINT (0-2 FT/SEC).
4. ELECTRICAL DATA:  
POWER REQUIREMENTS: 18 TO 36 VDC  
OUTPUT: 4-20 mA (NON-LINEAR RELATED TO FLOW)  
0-10 VDC PROPORTIONAL TO TEMP  
SPDT RELAY CONTACTS: SWITCH POINT
3. PRESSURE, OPERATING: 500 PSIG.
2. MAKE FROM TBD
1. MATERIAL:  
ELEMENT: 300 SERIES STAINLESS STEEL.  
HOUSING: DIECAST ALUMINUM, COLOR, GRAY.

**NOTES: UNLESS OTHERWISE SPECIFIED**



**ENVELOPE DRAWING**

TBD	INTERCON TECHNOLOGY	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES <b>TOLERANCES</b> DECIMALS    ANGULAR .X    ±.1            ±1/2° .XX   ±.03 .XXX ±.010	CONTRACT NO.				<b>FCI</b> ® FLUID COMPONENTS INTL a limited liability company SAN MARCOS, CA 92069
NEXT ASSY	USED ON		APPROVALS	DATE	APPROVALS	DATE	
APPLICATION		MATERIAL	CONTRACT	DRAWN	4/18/02	<b>MASS FLOW SWITCH, HIGH TEMP</b>	
THIRD ANGLE PROJECTION		NOTED	QUAL	SCHARF	CHECK		
		MACH SURFACE FINISH: 125 RMS    MACH RAD: .030	MFG	ENGR		SIZE <b>B</b> CAGE CODE <b>64818</b> DWG NO. <b>ILLUSTRATION 13</b> REV <b>1</b>	
		DO NOT SCALE DRAWING	QA			RELEASE DATE:    SCALE 1/1    SHEET 1 OF 1	
		PARTS TO BE FREE OF BURRS & SHARP EDGES					