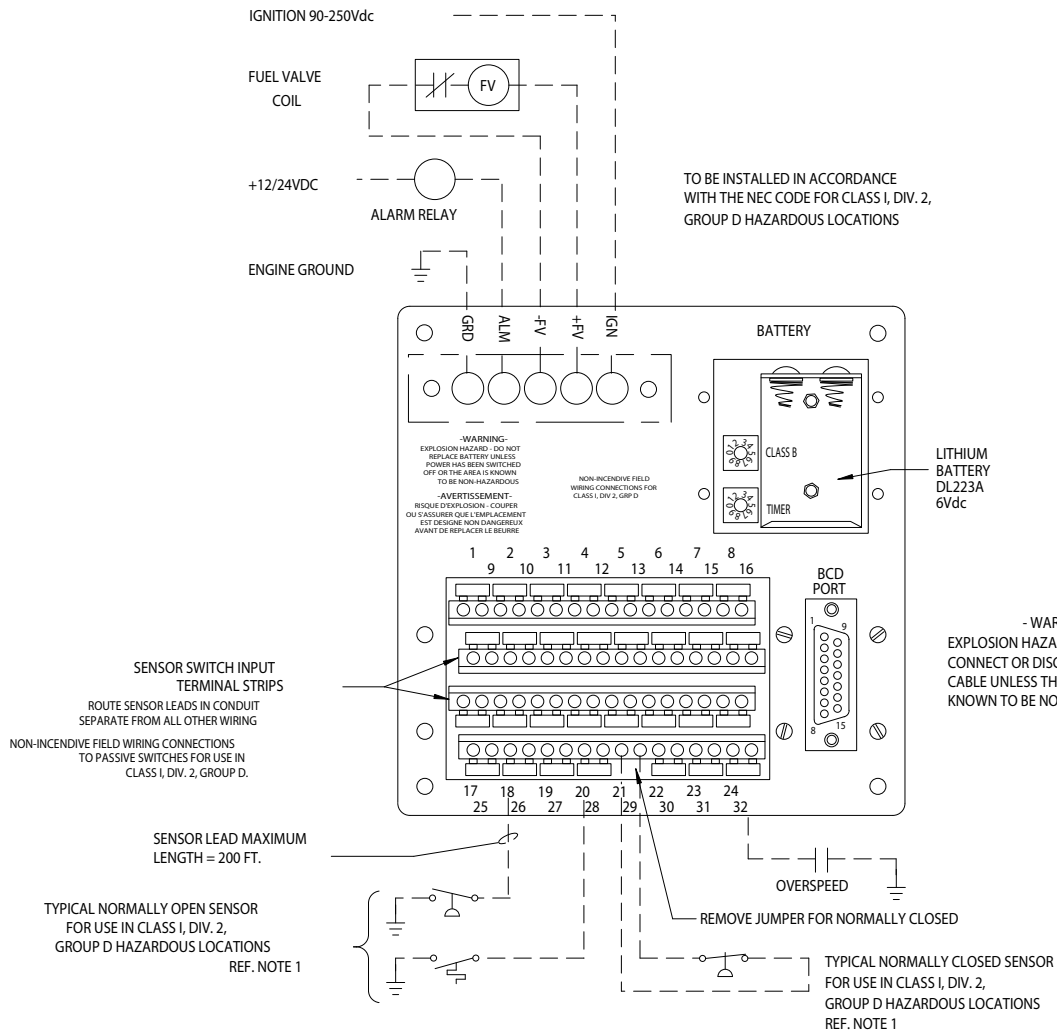


CUSTOMER WIRING
FIELD CONNECTIONS



NOTES:


1. SENSORS ARE NORMALLY OPEN OR NORMALLY CLOSED, MECHANICALLY ACTUATED PASSIVE SWITCHES.
2. NON-INCENDIVE FIELD CIRCUITS VOC = 10.5Vdc, ISC = 1.2MA, CA = 21uf, LA = 1000MH
3. BCD PORT MAXIMUM OUTPUT CURRENT SOURCED BY A SINGLE PIN = 40MA, MAXIMUM OUTPUT CURRENT SINKED BY A SINGLE PIN = 50MA, MAXIMUM TOTAL SOURCE CURRENT FOR ALL PINS = 80MA
4. BCD PORT SUPPLY VOLTAGE = 10-32Vdc
5. ALL OUTPUTS RATED 0.5 AMP CONTINUOUS 250 Vdc
6. 90-250Vdc, 0.7VA MAXIMUM INPUT.

BCD PORT CONNECTOR

PIN #	BIT #	BCD
1	BIT 0	LSD (UNITS)
2	BIT 1	
3	BIT 2	
4	BIT 3	
5	BIT 4	MSD (TENS)
6	BIT 5	
7	BIT 6	
8	BIT 7	
9	(+Vdc	
10	DC COMMON (-)	
11	SPARE	
12	SPARE	
13	SPARE	
14	SPARE	
15	SPARE	

- WARNING -
EXPLOSION HAZARD, DO NOT
CONNECT OR DISCONNECT BCD
CABLE UNLESS THE AREA IS
KNOWN TO BE NON-HAZARDOUS.

D	DELETED OPTIONAL FV COIL & ADD ALARM RELAY	6/15/95	95-H099	BF	
C	REVISED SILKSCREENED & NOTES	2/10/95	95-H014	BF	
B	REDRAW FUEL VALVES	01-11-95	94-H332		
A	UPDATED NOTES	11-23-94	94-H302	BF	
REV.	CHANGES MADE	DATE	ER#	BY	CHK
MATERIAL	FINISH	UNLESS NOTED OTHERWISE DIMENSIONS ARE IN INCHES TOLERANCES:		PRE- PROD.	<input type="checkbox"/>
		.XX +/- .030	ANGLES +/- 2	PROD.	<input type="checkbox"/>
		.XXX +/- .010	√ 125		
		FRACTIONS +/- 1/32			



SOUTHERN DIVISION - ROSENBERG, TEXAS

DATE: 10-25-94	NAME TYPICAL WIRING INSTALLATION
ORIG. ER# 94-H277	
SCALE: NONE	USED ON MARK III-N
DRWN BY: BF	PART NO.
CHKD BY:	DRAWING NO. HA14227
APPD BY:	REV D