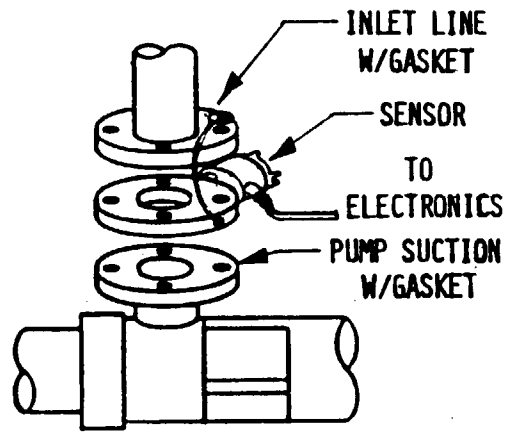


SYSTEM MODEL NO.	NOMINAL PIPE SIZE [△]	O.D. "A"	I.D. "B"	NUMBER OF HOLES	DIA. OF HOLES "C"	DIA. OF BOLT CIRCLE "D"	WIDTH "E"	WETTED PARTS
506-7130-010	1	4 1/2	1.10	4	5/8	3 1/8	1 1/2	
506-7130-015	1 1/2	5	1.66	4	5/8	3 7/8	1 5/8	
506-7130-020	2	6	2.14	4	3/4	4 3/4	1 11/16	
506-7130-025	2 1/2	7	2.55	4	3/4	5 1/2	1 13/16	
506-7130-030	3	7 1/2	3.15	4	3/4	6	2 1/8	
506-7130-040	4	9	4.12	8	3/4	7 1/2	2 3/8	
506-7130-060	6	11	6.20	8	7/8	9 1/2	2 15/16	
506-7130-080	8	13 1/2	8.12	8	7/8	11 3/4	4 1/16	
506-7130-100	10	16	10.20	12	1	14 1/4	4 1/4	

[△] SENSOR MATES WITH ANSI 150-LB FLAT FACE FLANGES IN NOMINAL PIPE SIZES AS NOTED.

[△] "B" DIMENSION IS SLIGHTLY LARGER THAN NOMINAL SCHEDULE 40 PIPE I.D.

NOTE: MATING FLANGES MUST BE FLAT FACED.



TYPICAL INSTALLATION

NOTE: SENSOR MUST BE INSTALLED IN VERTICAL LINE.

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CERTIFIED by _____
PO# _____
ENG USER _____

MOUNTING & WIRING DIAGRAM
FOR IN-LINE FLUID DETECTOR.
506-7131-XXX
(STANDARD HOUSING)

SCALE NONE
UNLESS OTHERWISE
STATED ALL DIMENSIONS
IN INCHES (MM)

DR. RDC
CHK. ASK
APP'D. ASK

NO 506-7131-1-CD
SHT 1 OF 4

ISSUE 1

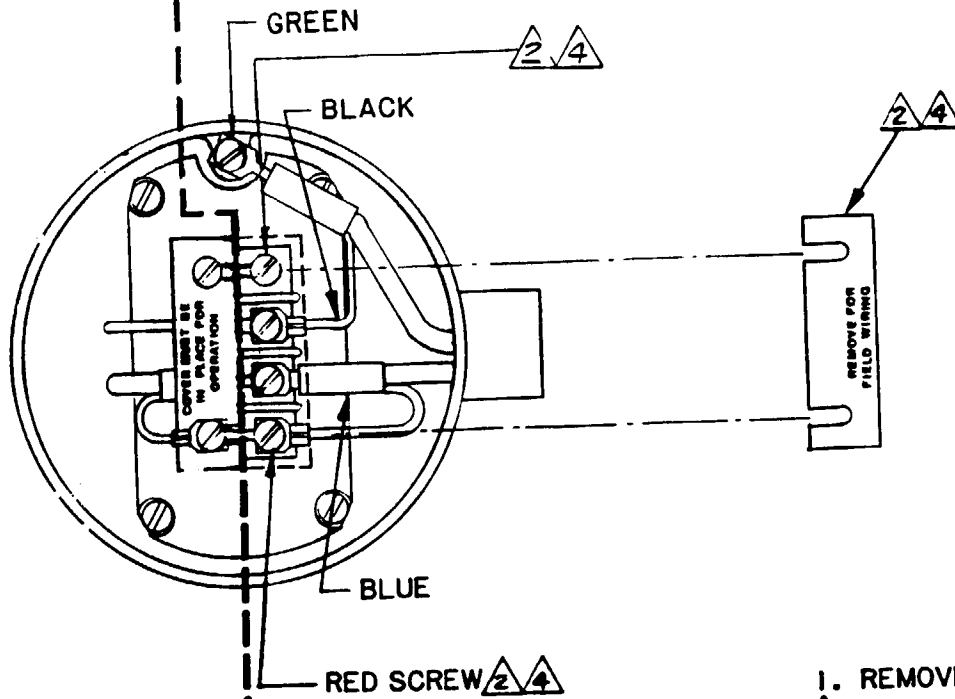
ISSUE 8-89-87
EDD
DATE 11/89

DE# _____

NO 506-7131-1-CD

ALWAYS PRE-WIRED
BY FACTORY

CUSTOMER CONNECTIONS
(TYPICALLY PRE-WIRED BY FACTORY)



1. REMOVE CONDULET COVER.
2. LOOSEN SCREWS AND REMOVE THE COVER LABELLED " REMOVE FOR FIELD WIRING."
3. WIRE THE GREEN, BLACK, AND BLUE MEASURING CABLE LEADS TO THE CORRESPONDING COLOR-CODED SCREWS AS SHOWN ABOVE.
4. SLIP THE COVER BACK UNDER THE SCREWS, SLIP THE RED LUG UNDER THE RED SCREW AND TIGHTEN BOTH SCREWS.
5. REPLACE CONDULET COVER.

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FOR IN-LINE FLUID DETECTOR
506-7131-XXX
(STANDARD HOUSING)

SCALE NONE
UNLESS OTHERWISE
STATED ALL DIMENSIONS
IN INCHES (MM)

TOLERANCES UNLESS
OTHERWISE STATED
DECIMAL ±0.05 (.13)
FRACTION ±1/64 (.4)
ANGLE ±2°

DR. ROC
CHK. ASK
APP. 1/31

NO 506-7131-1-CD SHT 2 OF 4

ISSUE 1

ISSUE

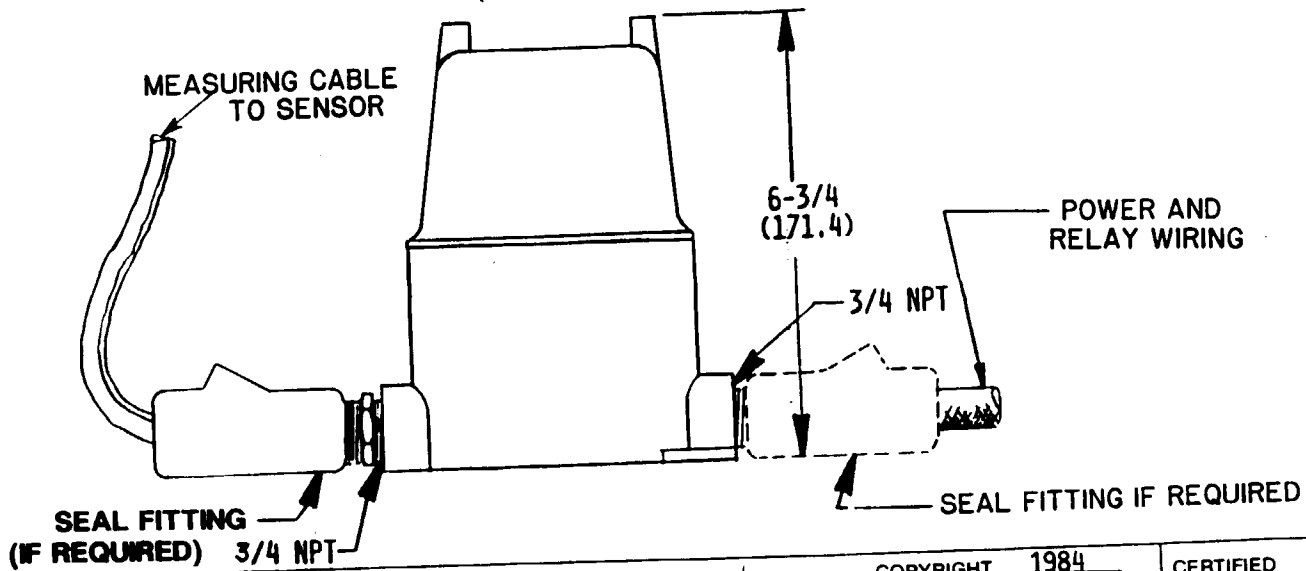
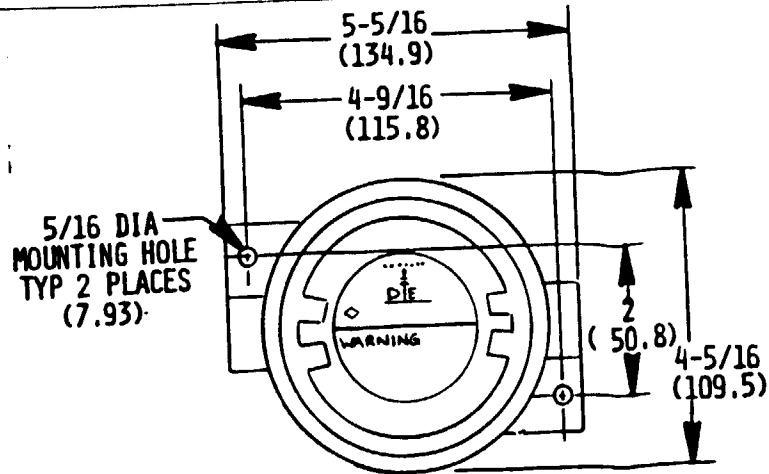
8-89-87

EDO

11/89
DATE

DE#

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DE# _____

MOUNTING & WIRING DIAGRAM
FOR IN-LINE FLUID DETECTOR
506-7131-XXX
(STANDARD HOUSING)

SCALE NONE
UNLESS OTHERWISE
STATED ALL DIMENSIONS
IN INCHES (MM)

TOLERANCES: UNLESS
OTHERWISE STATED
DECIMAL ±0.05 (.13)
FRACTION ±1/64 (.4)
ANGLE ±2°

DR. RDC
CHK. ASIC
APP'D. [Signature]

NO 506-7131-1-CD SHT 3 OF 4

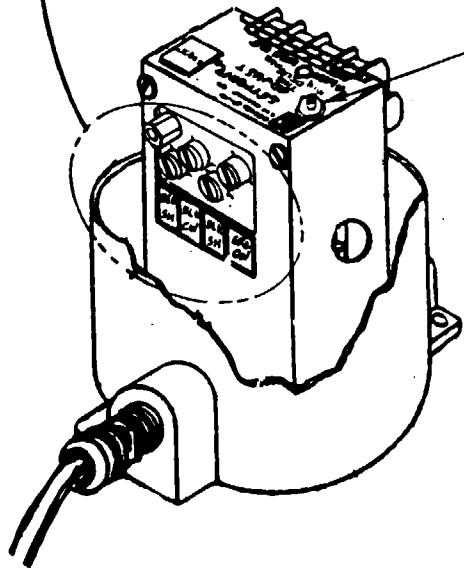
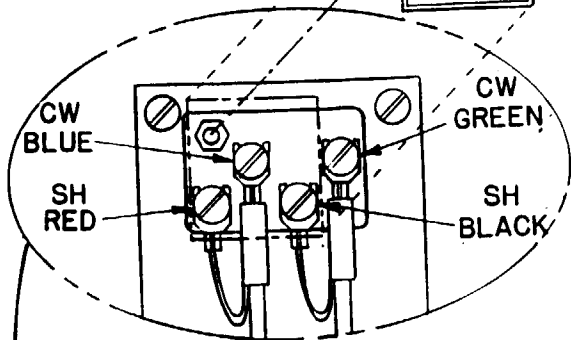
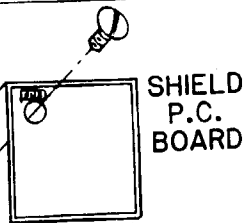
ISSUE 1

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DATE 11/29

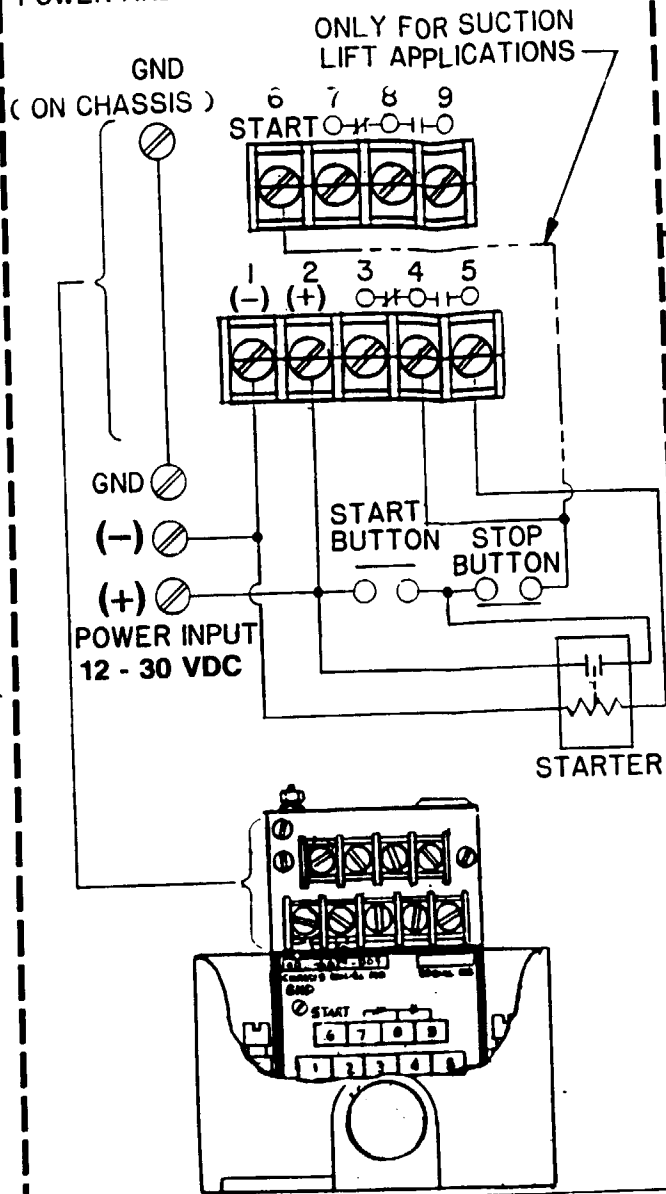
NO. 506-7131-1-CD

MEASURING CABLE WIRING
 (NOTE: MEASURING CABLE
 TYPICALLY WIRED BY FACTORY
 TO BOTH SENSOR AND
 ELECTRONICS)

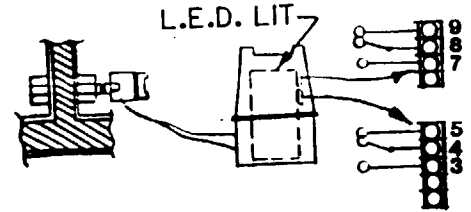


TIME DELAY
 ADJUSTMENT

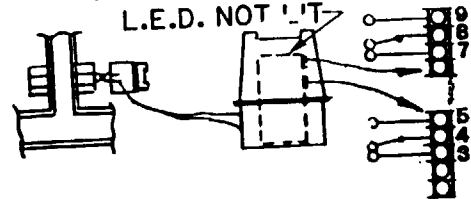
POWER AND RELAY WIRING



MATERIAL PRESENT



MATERIAL ABSENT
 L.E.D. NOT LIT



NOTE:
 SENSOR MUST BE INSTALLED IN
 VERTICAL LINE. MOUNTING FLANGES
 MUST BE FLAT-FACED.

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DE# _____

MOUNTING & WIRING DIAGRAM
 FOR IN-LINE FLUID DETECTOR
 506-7131-XXX
 (STANDARD HOUSING)

SCALE	NONE	TOLERANCES: UNLESS OTHERWISE STATED
UNLESS OTHERWISE STATED ALL DIMENSIONS IN INCHES (MM)		DECIMAL ±005 (.13)
		FRACTION ±1/64 (.4)
		ANGLE ±2°
NO	506-7131-1-CD	SHT 4 OF 4

DR. RDC

CHK. AJK

APP'D. [Signature]

ISSUE 1

1 8-89-87

ISSUE EDO DATE 11/87

NO. 506-7131-1-CD