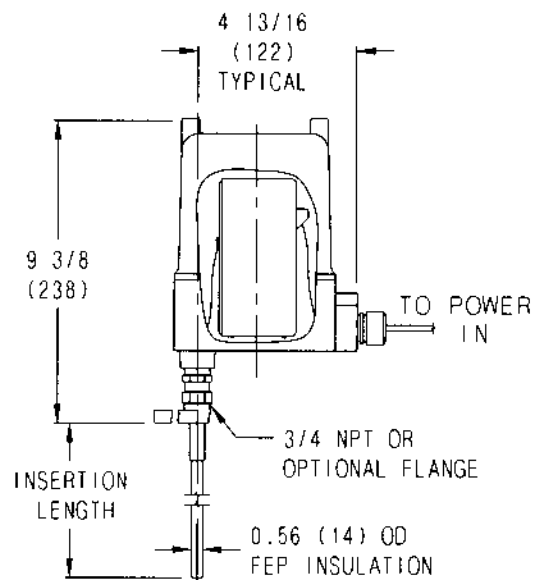
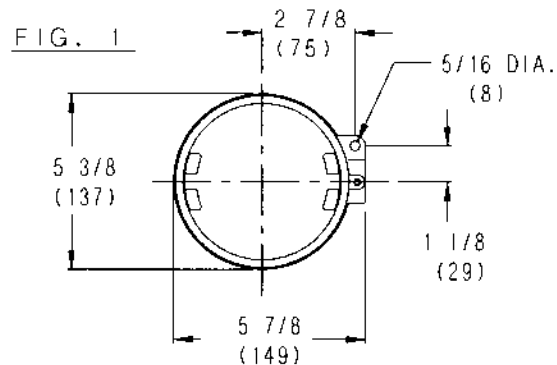
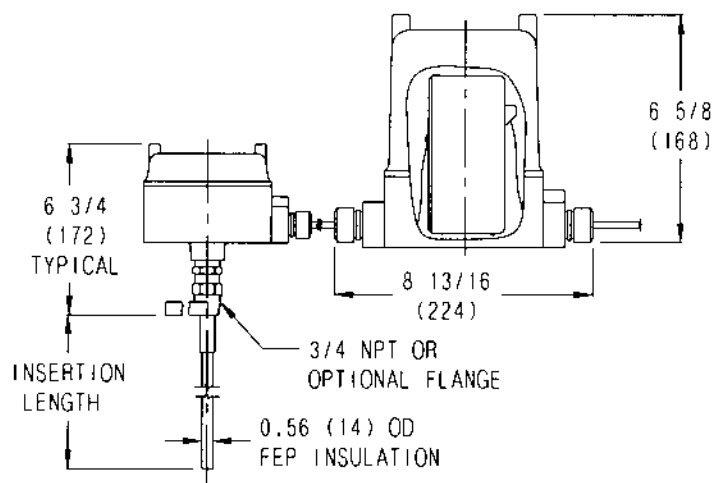
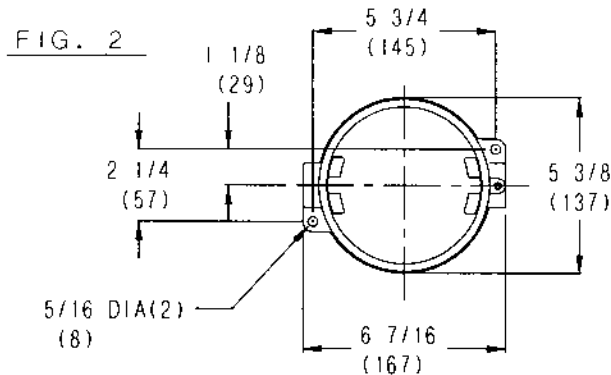


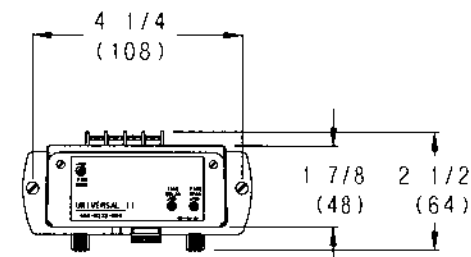


INTEGRAL MOUNTING OF CHASSIS  
IN EXPLOSION-PROOF HOUSING

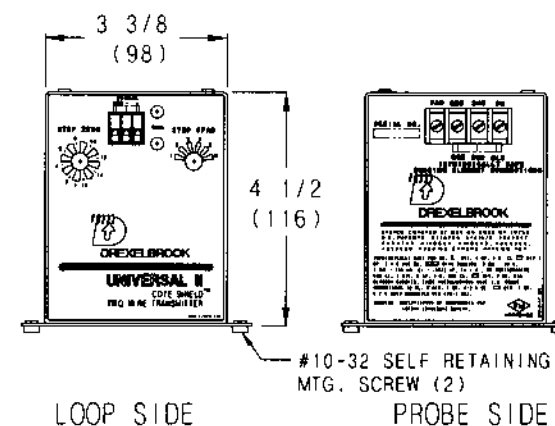


REMOTE MOUNTING OF CHASSIS  
IN EXPLOSION-PROOF HOUSING

FIG. 3



TOP VIEW



LOOP SIDE

PROBE SIDE

CHASSIS OUTLINE AND  
MOUNTING DIMENSIONS

MAX. PRESSURE RATING 500 PSI @ 300°F  
1000 PSI @ 100°F

|           |     |            |          |      |         |                               |
|-----------|-----|------------|----------|------|---------|-------------------------------|
| CERTIFIED | by  |            |          |      |         | COPYRIGHT 1998                |
| PO #      |     |            |          |      |         | DREXELBROOK ENG CO.           |
| ENG       |     |            |          |      |         | SCALE NONE                    |
| USER      |     |            |          |      |         | UNLESS OTHERWISE STATED       |
|           |     |            |          |      |         | ALL DIMENSIONS IN INCHES (MM) |
|           |     | 1          | 3-98-249 | DWK  | 4/30/98 | DR. AJK                       |
| DE #      | ISS | EDO/DSR NO | APP'D    | DATE |         | CK. DWK                       |



DREXELBROOK  
Engineering Company

205 KEITH VALLEY RD  
HORSHAM, PA 19044-9986

215-674-1234  
FAX 215-674-2731

MOUNTING DIMENSIONS  
FOR 508-46-X02  
TWO WIRE  
RF LEVEL TRANSMITTER

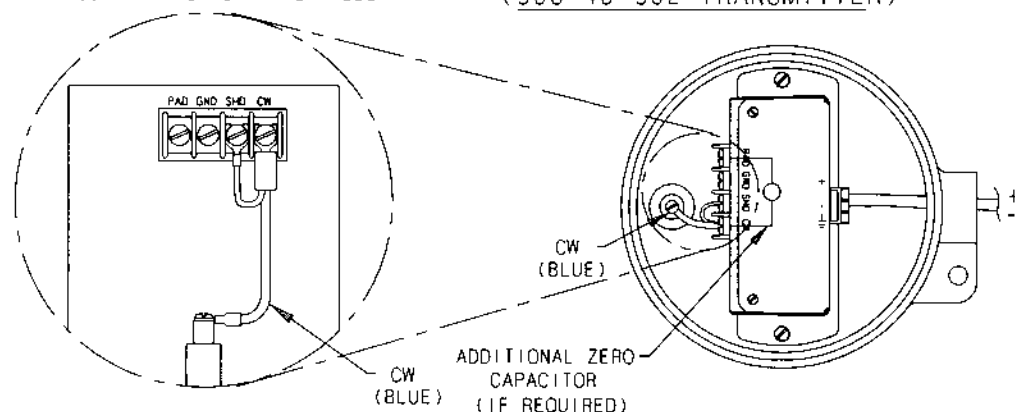
418-2-71-CD

SHT. 1 OF 2  
ISS OF 2

## INTEGRAL MOUNT

INTEGRAL MOUNT - TWO TERMINAL PROBE

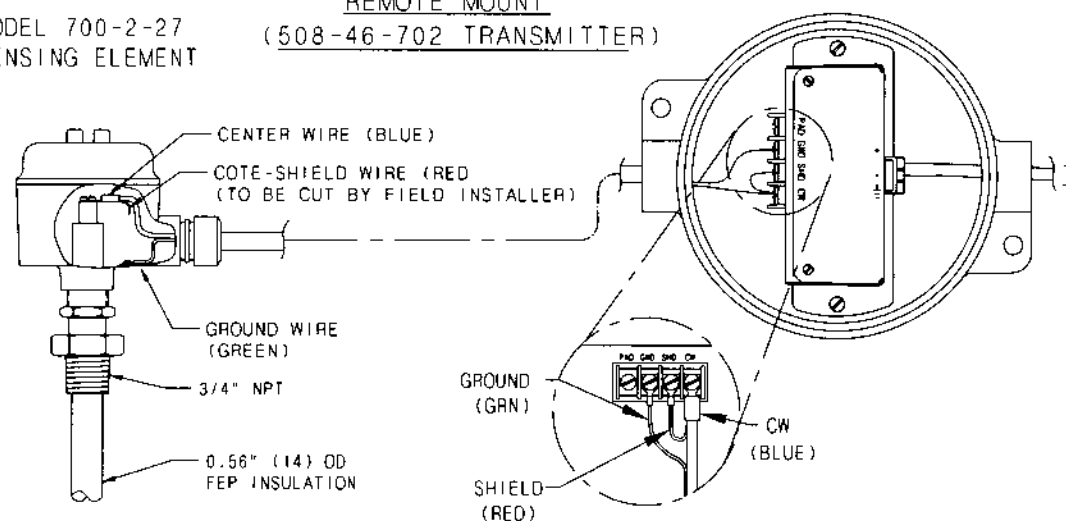
(508-46-902 TRANSMITTER)



## REMOTE MOUNT

MODEL 700-2-27  
SENSING ELEMENT

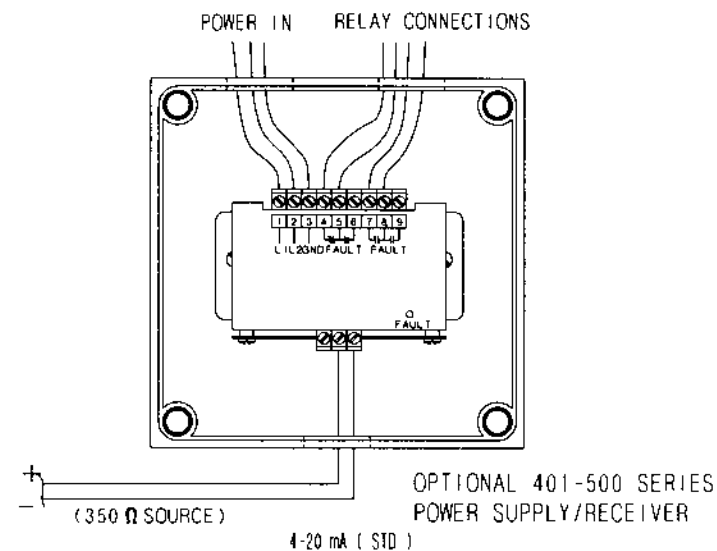
(508-46-702 TRANSMITTER)



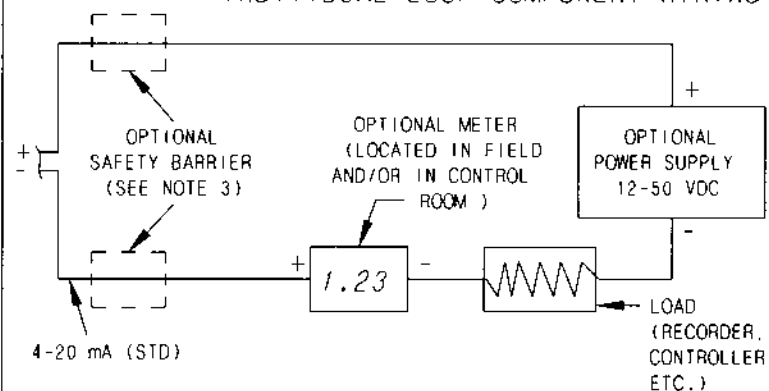
NOTES :

- 1 ALL DEVICES MUST BE WIRED IN SERIES.  
VOLTAGE DRIVEN DEVICES REQUIRE A SERIES VOLTAGE DROPPING RESISTOR.
- 2 SIGNAL TERMINALS + & - CAN OPERATE WITH MINIMUM OF 13.0 VDC WITH 20mA FLOWING.
- 3 IF THE FIELD WIRING IS TO BE IN HAZARDOUS AREAS, THEN SUITABLE  
SAFETY BARRIERS ARE REQUIRED BETWEEN THE POWER SUPPLY AND THE FIELD TO PROVIDE FOR INTRINSICALLY SAFE FIELD WIRING.
- HAZARDOUS AREAS

HAZARDOUS  
AREA

HAZARDOUS  
AREA

## INDIVIDUAL LOOP COMPONENT WIRING



|            |          |             |          |      |         |                                                          |
|------------|----------|-------------|----------|------|---------|----------------------------------------------------------|
| CERTIFIED  | by _____ |             |          |      |         | COPYRIGHT 1998                                           |
| PO # _____ |          |             |          |      |         | DREXELBROOK ENG CO.                                      |
| ENG _____  |          |             |          |      |         | SCALE NONE                                               |
| USER _____ |          |             |          |      |         | UNLESS OTHERWISE STATED<br>ALL DIMENSIONS IN INCHES (MM) |
| _____      |          | 1           | 3-98-249 | DWK  | 4/30/98 | DR. AJK                                                  |
| DE # _____ | ISS.     | EDO/DSR NO. | APP'D    | DATE |         | CK. <u>WAL</u>                                           |



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WIRING DIAGRAM  
FOR 508-46-X02  
TWO WIRE  
RF LEVEL TRANSMITTER

418-2-71-CD

|       |     |
|-------|-----|
| SHT.2 | ISS |
| OF 2  | 1   |