

NOTES:

1. INACTIVE SECTION SHOULD EXTEND 2" (50mm) BELOW ELECTROSTATIC GRIDS.
2. ACTIVE SECTION MUST **NOT** BE INSTALLED IN STILLING WELL.
3. KEEP BOTTOM OF SENSING ELEMENT ABOVE MAXIMUM NORMAL SAND LEVEL.
4. FOR INSTALLATION, WIRING AND RFI FILTERS 401-16-1 AND 401-16-2, SEE SHEET 4.
5. DIGITAL METER AVAILABLE BUILT INTO TRANSMITTER HOUSING WITH A VIEW PORT (NOT SHOWN). SEE DRAWING 408-9100-088-CD1.

SENSING ELEMENT 700-2-224

| | | | | | | |
|-----------|----|------|-------------|-------|----------|---|
| CERTIFIED | by | 5 | 3-99-250 | DL | 4-8-99 | COPYRIGHT 1999 |
| PO # | | 4 | 2-99-246 | DL | 3-9-99 | DREXELBROOK ENG CO. |
| ENG | | 3 | 7-98-251 | DL | 8-17-98 | SCALE NONE |
| USER | | 2 | 6-97-244 | DL | 6-5-97 | UNLESS OTHERWISE STATED ALL DIMENSIONS IN INCHES (MM) |
| | | 1 | 8-96-242 | DL | 12-18-96 | DR. AJK |
| DE # | | ISS. | EDO/DSR NO. | APP'D | DATE | CK. CDW |



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Engineering Company

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HORSHAM, PA 18044-8986

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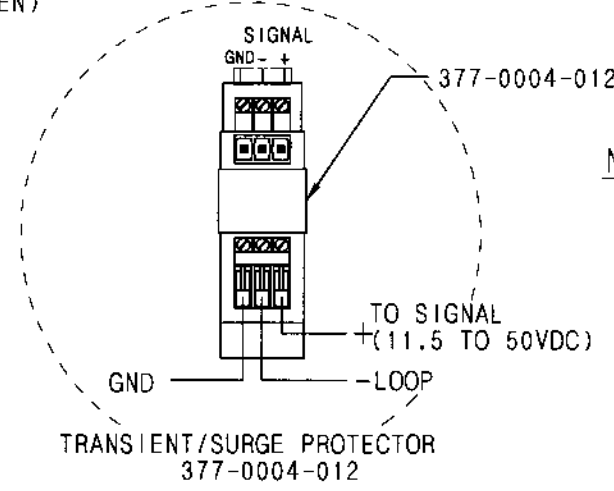
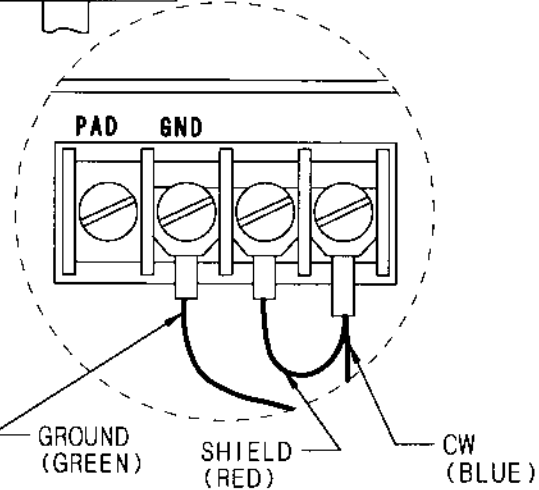
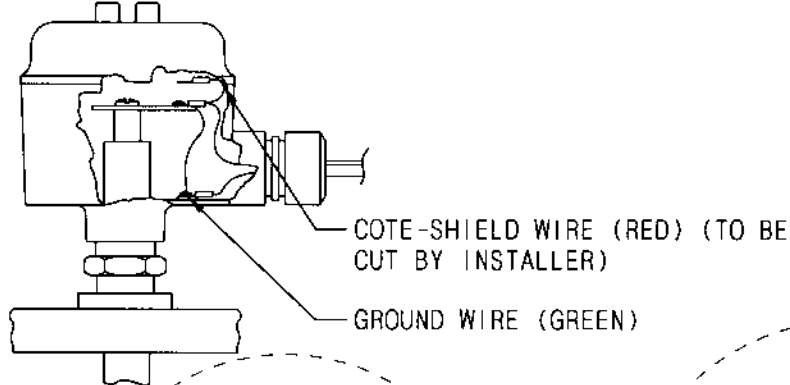
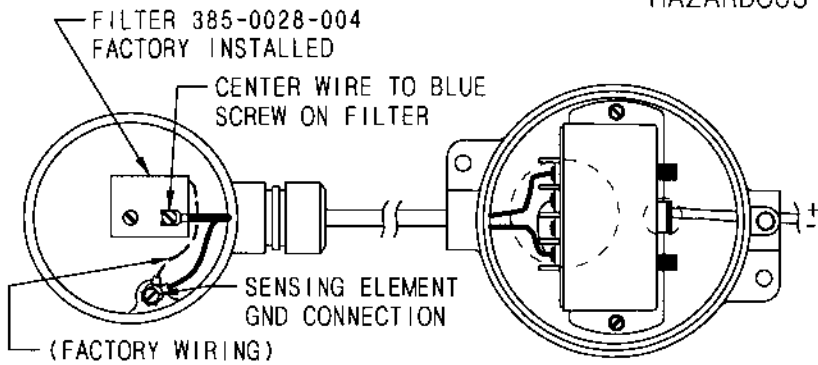
MOUNTING AND WIRING
ELECTROSTATIC DESALTER
AND HEATER TREATER
INTERFACE UNIVERSAL II
2 WIRE SYSTEM #508-46-718

419-2-30-CD

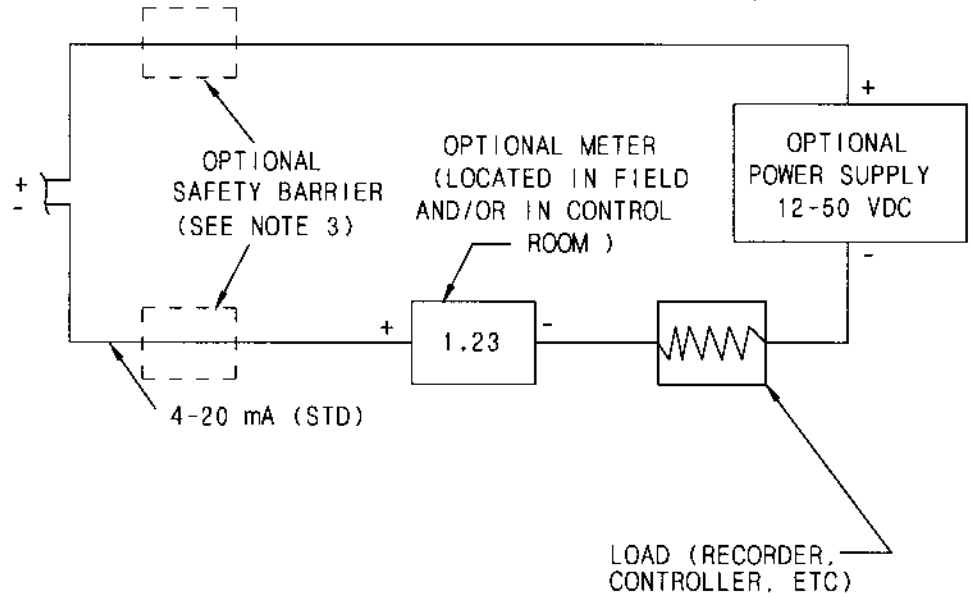
SHT. 1 OF 4
ISS. 5

**SENSING ELEMENT
MODEL 700-0002-224**

HAZARDOUS - - - NON-HAZARDOUS



INDIVIDUAL LOOP COMPONENT WIRING



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 12.0 VDC WITH 20 ma 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.

| | | | | | | |
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| ENG | | 3 | 7-98-251 | DL | 8-17-98 | SCALE NONE |
| USER | | 2 | 6-97-244 | DL | 6-5-97 | UNLESS OTHERWISE STATED ALL DIMENSIONS IN INCHES (MM) |
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MOUNTING AND WIRING
ELECTROSTATIC DESALTER
AND HEATER TREATER
INTERFACE UNIVERSAL II,
2 WIRE
SYSTEM #508-46-718

419-2-30-CD

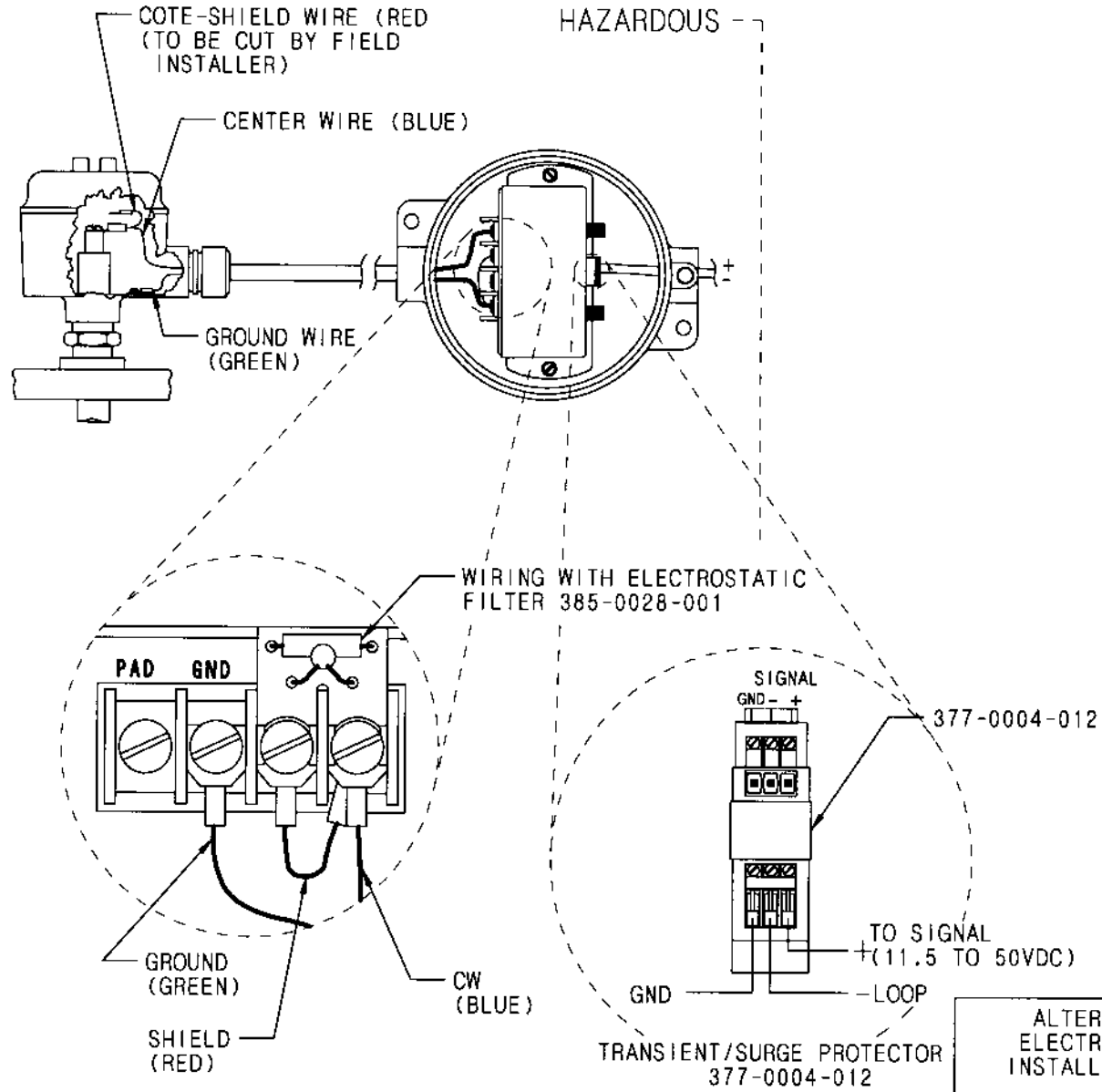
SHT. 2 OF 4
ISS. 5

440-119-184 (2)

NO. 419-2-30-CD

SHT. 2 OF 4
ISS. 5

TWO-TERMINAL SENSING ELEMENT



ALTERNATE WIRING FOR
ELECTROSTATIC FILTER
INSTALLED ON ELECTRONIC
UNIT

MOUNTING AND WIRING
ELECTROSTATIC DESALTER
AND HEATER TREATER
INTERFACE UNIVERSAL II,
2 WIRE
SYSTEM #508-46-718

| | | | | | | |
|-----------|----|------|-------------|-------|----------|--|
| CERTIFIED | by | 5 | 3-99-250 | DL | 4-9-99 | COPYRIGHT 1999 |
| PO # | | 4 | 2-99-246 | DL | 3-9-99 | DREXELBROOK ENG CO. |
| ENG | | 3 | 7-98-251 | DL | 8-17-98 | SCALE NONE |
| USER | | 2 | 6-97-244 | DL | 6-5-97 | UNLESS OTHERWISE STATED ALL DIMENSIONS IN INCHES (MM) |
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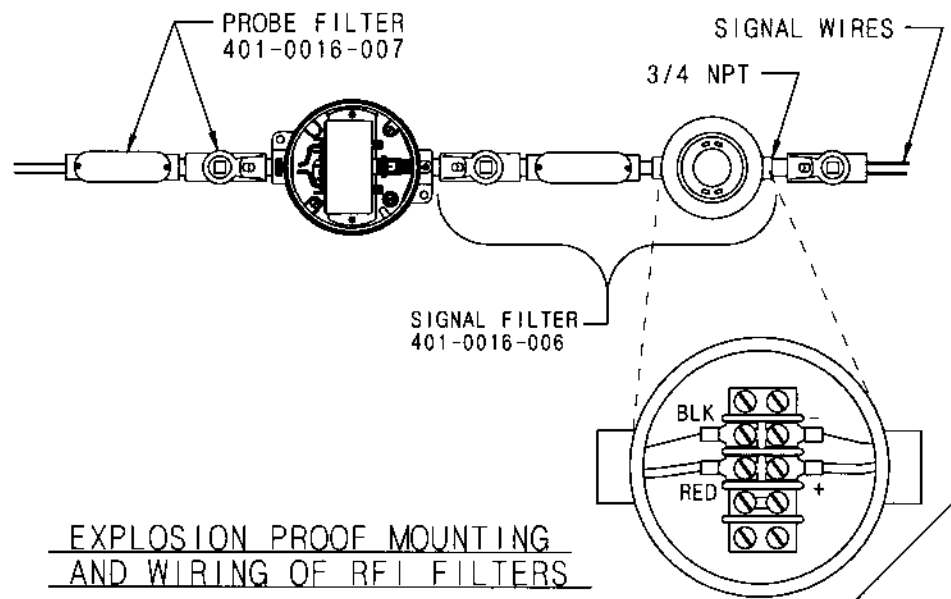
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SHT. 3 OF 4
ISS. 5

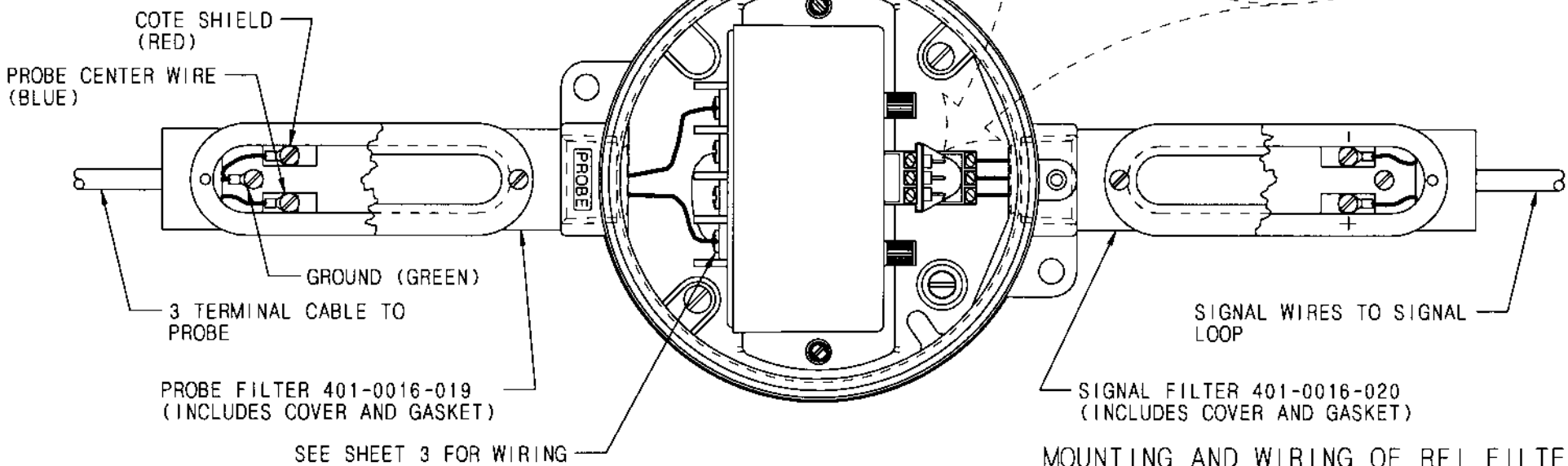
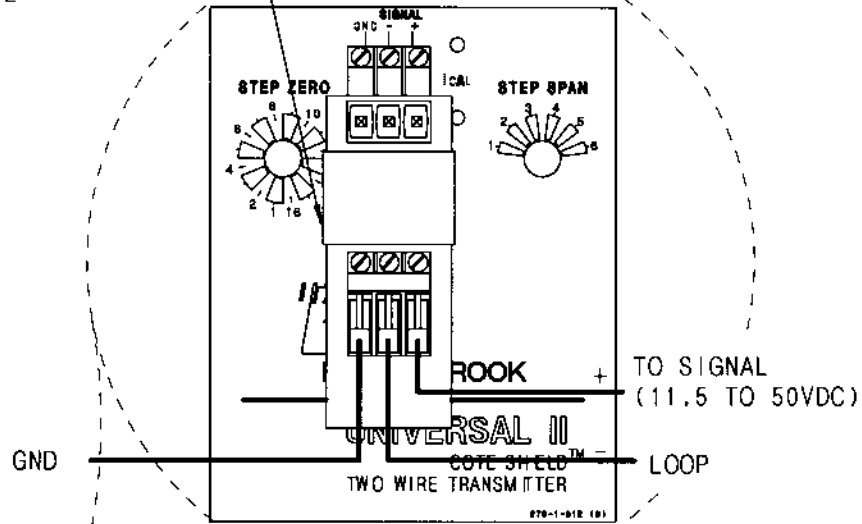
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NO. 419-2-30-CD

SHT. 3 OF 4



TRANSIENT/SURGE PROTECTOR
377-0004-012



| | | | | | | |
|-----------|----|------|-------------|-------|----------|--|
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SYSTEM #508-46-718

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SHT. 4 OF 4
ISS. 5
OF 4