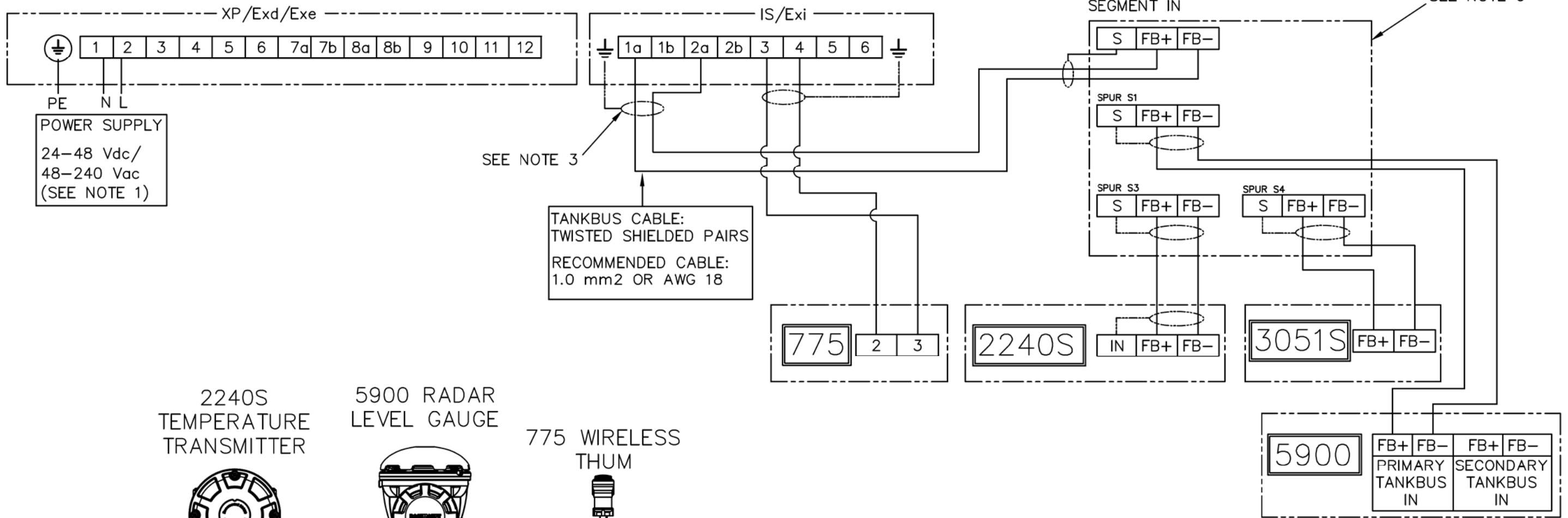


2410

SEGMENT COUPLER



SEE NOTE 3

SEE NOTE 6

TANKBUS CABLE:
TWISTED SHIELDED PAIRS
RECOMMENDED CABLE:
1.0 mm² OR AWG 18

2240S
TEMPERATURE
TRANSMITTER

5900 RADAR
LEVEL GAUGE

775 WIRELESS
THUM

COMMUNICATION TO
CONTROL ROOM

SEGMENT
COUPLER

2410 TANK HUB

3051S PRESSURE
TRANSMITTER

POWER
SUPPLY

- 8 TURN THE ADJUSTABLE SHORT-CIRCUIT LIMIT TO "0" (60mA) WHEN USING THE ROSEMOUNT 5900.
- 7 MAX SPUR LENGTH 60M. MAX LENGTH OF SEGMENT + SPURS 1900M. FOR MORE INFORMATION REGARDING CABLE ROUTING AND TERMINATOR, SEE 9240041-962. FOR DETAILED INFO ABOUT THE SEGMENT COUPLER SEE D7000003-254.
- 6 FOR MORE INFORMATION SEE SYSTEM CONTROL DRAWING:

| | |
|-------|-----------------------------|
| 5900 | 9240040-917 |
| 2240S | 9240040-910 AND 9240040-976 |
| 2410 | 9240040-901 |
| 2230 | 9240040-949 |
- 5 FISCO PARAMETERS

| | |
|---|-----------------|
| -LOOP RESISTANCE R _c : | 15...150 ohm/km |
| -LOOP INDUCTANCE L _c : | 0.4-1mH/km |
| -CAPACITANCE PER LENGTH UNIT C _c : | 45-200 nF/km |
- 4 RECOMMENDED PARAMETERS FOR EXTERNAL TERMINATOR: R=100±2 ohm, C=1.0±0.2uF
- 3 SHIELD WIRE GROUND: USE SINGLE GROUND POINT. TYPICALLY AT THE POWER SUPPLY.
- 2 USE MIN 4 mm² OR AWG 11 FOR EXTERNAL GROUND CONNECTION.
- 1 POWER SUPPLY: USE 0.75-2.5 mm² OR AWG 18-13.

| | | | | | |
|----------------------------------|--------------|-----------------------|--|---|-------------------------|
| ISSUED BY EMe-BL | WEEK 1602 | PRODUCT CODE 2410 | FILE ACAD | INSTALLATION DRAWING TITLE ELECTRICAL INSTALLATION DRAWING SEGMENT COUPLER STD SYSTEM | |
| APPROVED BY TT-PD | WEEK 1604 | ORIGINAL DWG NO. - | SCALE - | DOC TYPE 02 | DWG NO. D7000003-263 |
| ROSEMOUNT Tank Gauging | | | 1 ST ANGLE | ISSUE 01 | SHEET 01/01 |
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