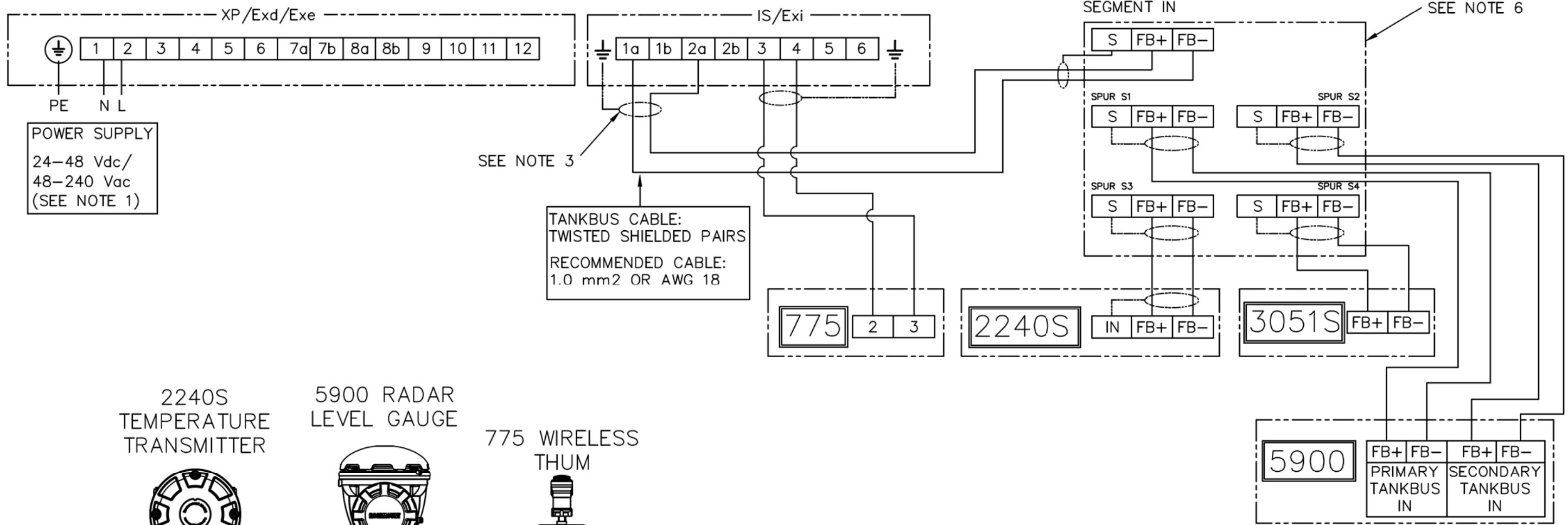


2410

SEGMENT COUPLER



SEE NOTE 3

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

SEE NOTE 6

2240S
TEMPERATURE
TRANSMITTER

5900 RADAR
LEVEL GAUGE

775 WIRELESS
THUM

COMMUNICATION TO
CONTROL ROOM

SEGMENT
COUPLER

2410 TANK HUB

POWER
SUPPLY

3051S PRESSURE
TRANSMITTER

- 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 2-IN-1 SYSTEM		
APPROVED BY TT-DP	WEEK 1603	ORIGINAL DWG NO. -	SCALE -	DOC TYPE 02	DWG NO. D7000003-262	ISSUE 01
ROSEMOUNT			1 ST ANGLE 			SHEET 01/01
Tank Gauging						
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