

24 VOLT D.C. APPLICATION



CLASS I, DIV. 1, GROUP C & D
CLASS II, DIV. 1, GROUP E, F
CLASS III, DIV. 1



1. CABLE PARAMETERS:
 - A. USE CONDUIT WITH CABLE INSIDE.
 - B. NO OTHER WIRES TO BE IN CONDUIT.
 - C. UP TO 1000 FEET—TWISTED SHIELDED CABLE CANNOT BE LESS THAN .2 MICROHENS PER FOOT.
 - D. UP TO 2500 FEET—TWIN AXIAL BELDEN 9182 OR EQUAL. (8.8 PICO FARADS PER FOOT)

CALIBRATION INSTRUCTIONS:

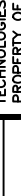
- POSITION THE MAGNET AT THE UPPER LIMIT OF THE ANALOG SPAN (REQUIRED POSITION A). WHILE READING OUTPUT V1 (i.e. 0-1 TO GROUND); ADJUST THE "MIN.R." ADJUSTMENT SCREW TO READ 10.00 VOLTS.
- CHANGE POSITION OF THE MAGNET TO THE LOWER LIMIT OF THE ANALOG SPAN (POSITION B). WHILE STILL READING V1, TURN THE "SPAN" ADJUSTMENT SCREW TO READ 0.00 VOLTS.
- IF THE 4 TO 20 MILLIAMPERE OUTPUT IS REQUIRED, AND DETERMINE WHICH MODE OF OPERATION IS REQUIRED, AND SELECT THE REQUIRED POSITION OF THE MODE JUMPER.
- LEVEL MODE- CURRENT INCREASES ON RISING LEVEL.
RANGE MODE- CURRENT INCREASES ON FALLING LEVEL.
THE 0 TO 10 VOLT OR 10 TO 0 VOLT OUTPUTS, ARE ALWAYS PRESENT.
- THE 950 TRANSMITTER IS NORMALLY SHIPPED WITH THE JUMPER IN LEVEL MODE. THE COVER MUST BE REMOVED BY FIRST REMOVING 4 STAND-OFF SCREWS AND COVER BEFORE CHANGING THE MODE JUMPER *.
- * LEVEL MODE- JUMPER ACROSS THE UPPER TWO PINS- POSITION 1.
RANGE MODE- JUMPER ACROSS THE LOWER TWO PINS- POSITION 2.

GENERAL INFORMATION

PRIOR TO INSTALLATION, POWER UP THE SYSTEM TO VERIFY OPERATION AND TO FAMILIARIZE YOURSELF WITH THE UNIT.

SEE DRAWING E-0198300-B, WHEN UL APPROVAL IS REQUIRED ON TRANSDUCER UNIT.

THE TRANSDUCER SHOULD BE HANDLED WITH CARE DURING STORAGE AND INSTALLATION.

THIRD ANGLE PROJECTION		DR. R.G. DATE 3/15/91 APP.	TITLE WIRING DIAGRAM FOR TYPE 950 4-20 MA. & (0-10/10-0) OUTPUTS 24 VOLT D.C. ASSEMBLY WITH SAFETY BARRIER.
SURFACE FINISH UNLESS OTHERWISE SPECIFIED TOLERANCE ALLOWANCE UNLESS OTHERWISE SPECIFIED: +/- .010 ON 2 PLACE DECIMALS +/- .005 ON 3 PLACE DECIMALS +/- .30 MIN. ON 4 PLACE DECIMALS		DATE SCALE DRAWING NO. E0209400 REV. SIZE C C	
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