



8800A PRESSURE TRANSDUCER

Instruction Manual

LTR	REVISION	ECO No	DATE	BY
A1	Rel. for Prod.		01.12.94	BT
B	Modif. Model	00-0365	03.15.01	EV

MODEL 88XX PRESSURE TRANSDUCERS

ELECTRICAL

The Matheson model 88XX pressure transducer requires 10 to 30 volts DC excitation voltage (2.5 mA typical) and provides a 1 to 6 volt signal output span. The output signal (white wire) is referenced to the -SUPPLY(black wire).

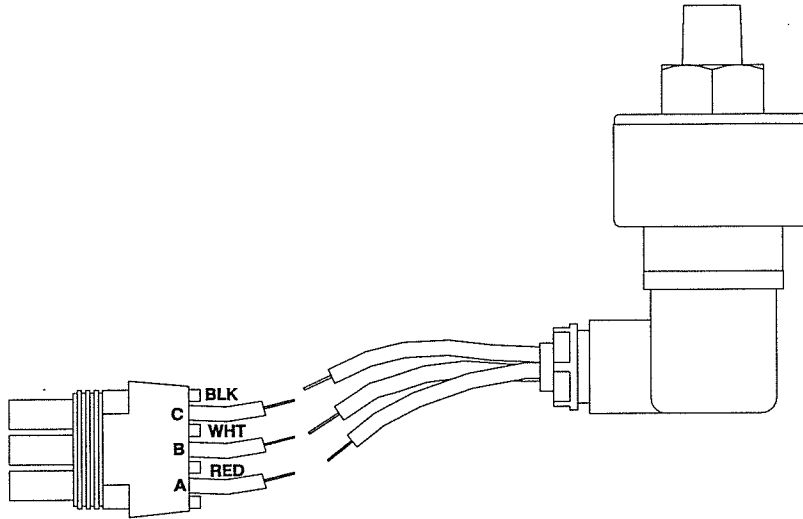


TABLE 1: TRANSDUCER OUTPUT VERSUS PRESSURE*

Voltage	#8801 0-65 PSIA	#8805 0-115 PSIA	#8810 0-500 PSIG	#8816 0-3000 PSIG
P(1V)	-14.7 PSIG	-14.7 PSIG	-14.7 PSIG	0 PSIG
P(6V)	50.3 PSIG	100.3 PSIG	485.3 PSIG	3000 PSIG

*Note: Absolute pressure outputs have been converted to gauge pressure values.
($P_{\text{GAUGE}} = P_{\text{ABSOLUTE}} - 14.7 \text{ PSI}$)