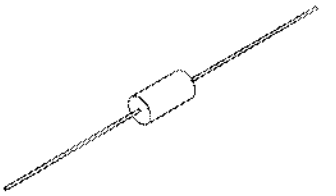
SHUNT CAL / RCAL RESISTORS



Gage Factor 2

	Shunt Cal Resistance (Ohms)				
Output (mV/V)	120	350	500	700	1000
0.8	37350	108938	155625	217875	311250
1.0	29880	87150	124500	174300	249000
1.2	24900	72625	103750	145250	207500
1.4	21343	62250	88929	124500	177857
1.6	18675	54469	77813	108938	155625
1.8	16600	48417	69167	96833	138333
2.0	14940	43575	62250	87150	124500
2.2	13582	39614	56591	79227	113182
2.4	12450	36313	51875	72625	103750
2.6	11492	33519	47885	67038	95769
2.8	10671	31125	44464	62250	88929
3.0	9960	29050	41500	58100	83000
4.0	7470	21788	31125	43575	62250

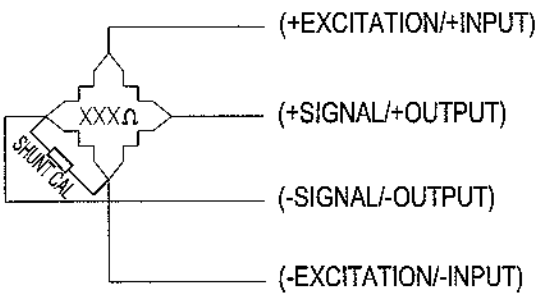
Gage Factor 4.5

	Shunt Cal Resistance (Ohms)				
Output (mV/V)	120	350	500	700	1000
0.8	16600	48417	69167	96833	138333
1.0	13280	38733	55333	77467	110667
1.2	11067	32278	46111	64556	92222
1.4	9486	27667	39524	55333	79048
1.6	8300	24208	34583	48417	69167
1.8	7378	21519	30741	43037	61481
2.0	6640	19367	27667	38733	55333
2.2	6036	17606	25152	35212	50303
2.4	5533	16139	23056	32278	46111
2.6	5108	14897	21282	29795	42564
2.8	4743	13833	19762	27667	39524
3.0	4427	12911	18444	25822	36889
4.0	3320	9683	13833	19367	27667

$$\text{Shunt Cal Output} = \frac{\text{(Bridge Resistance x 498)}}{\text{(Gage Factor x Shunt Cal Resistance)}}$$

SHUNT CALIBRATION;

ELECTRICAL SIMULATION OF TRANSDUCER OUTPUT BY INSERTION OF KNOWN SHUNT RESISTORS BETWEEN APPROPRIATE POINTS WITHIN THE CIRCUITRY



FOR POSITIVE OUTPUT DURING SHUNT CALIBRATION, RESISTOR MUST BE CONNECTED ACROSS -EXCITATION AND -SIGNAL

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