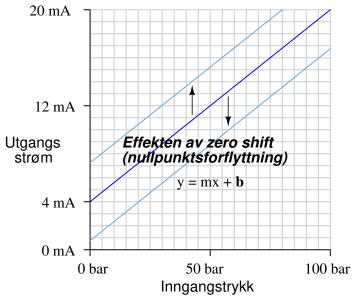
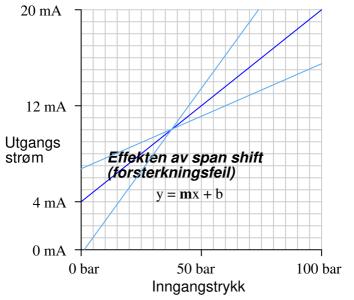
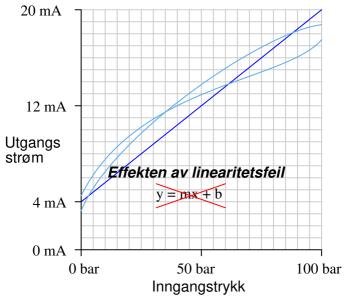
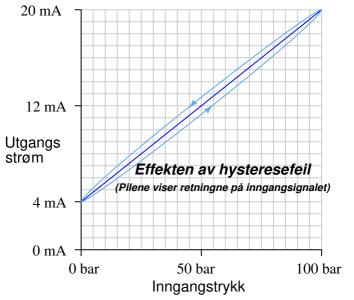


$$y = mx + b$$

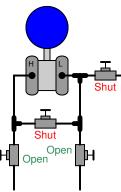




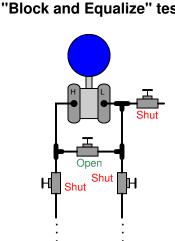




Normal operation



Impulse lines to process



Impulse lines to process

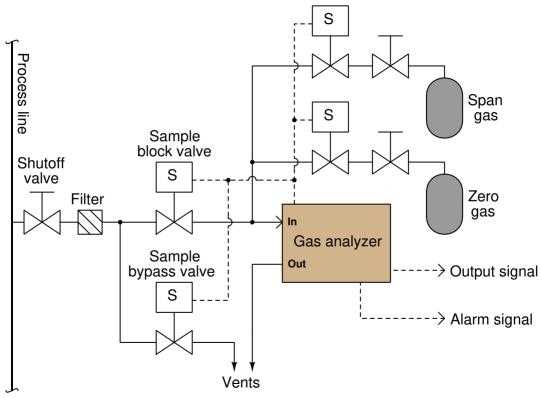
Percent	Input	Output current	Output current	Error
of range	pressure	(ideal)	(measured)	(percent of span)
0%	0 PSI	$4.00~\mathrm{mA}$		
25%	50 PSI	8.00 mA		
50%	100 PSI	12.00 mA		
75%	150 PSI	16.00 mA		
100%	200 PSI	20.00 mA		

Procedure: CA-012							
Instrument Function: Maintain stable temponents: N/A							
Process Units:							
As found Readings CL: Local							
	The last of the la						
Standard	Lo						
Standard	IUT	Error					
Standard	Lo						
Standard	Lo	Error					

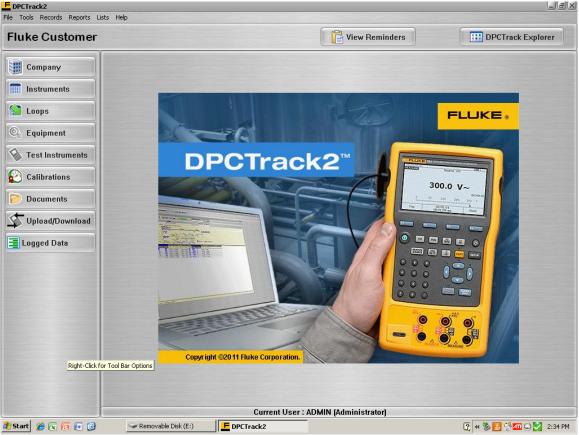
IUT – Standard $\times 100\%$ Error =Span

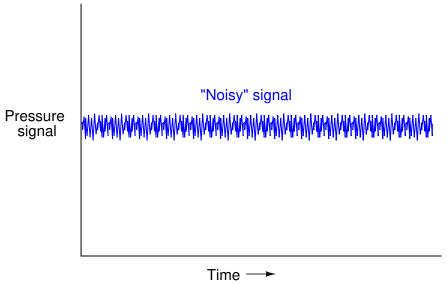
Percent	Input	Output current	Output current	Error
of range	pressure	(ideal)	(measured)	(percent of span)
0%	0 PSI	$4.00~\mathrm{mA}$	3.99 mA	-0.0625~%
25% ↑	50 PSI	8.00 mA	$7.98~\mathrm{mA}$	-0.125~%
50% ↑	100 PSI	12.00 mA	11.99 mA	-0.0625~%
75% ↑	150 PSI	16.00 mA	15.99 mA	-0.0625~%
100% ↑	200 PSI	20.00 mA	20.00 mA	0 %
75% ↓	150 PSI	16.00 mA	16.01 mA	+0.0625 %
50% ↓	100 PSI	12.00 mA	12.02 mA	+0.125 %
25% ↓	50 PSI	8.00 mA	8.03 mA	+0.188~%
0% ↓	0 PSI	4.00 mA	4.01 mA	+0.0625 %

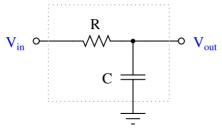
$$Error = \left(\frac{I_{measured} - I_{ideal}}{16 \text{ mA}}\right) (100\%)$$



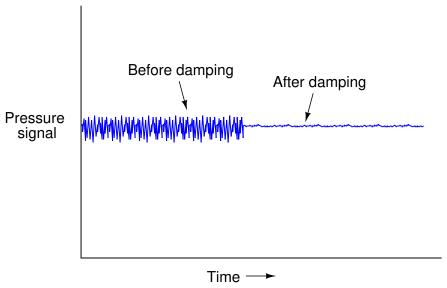
FLUKE 744 DOCUMENTING PROCESS CALL 0 SETUP V~ Hz.π mpii TC ENTER mA Ω RTD △ MEAS



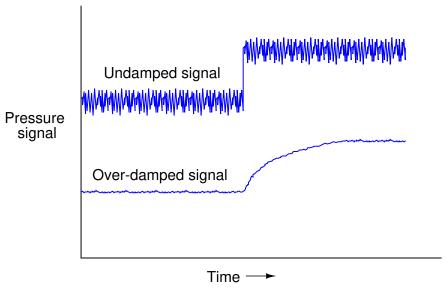


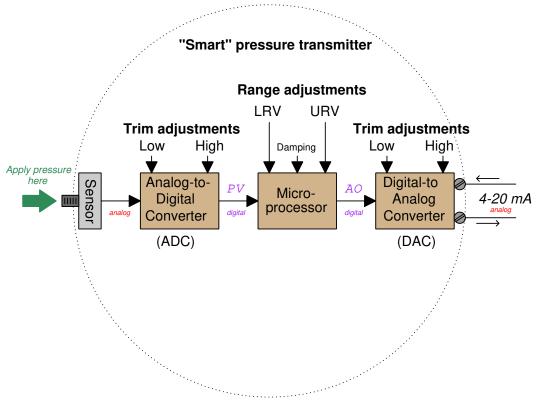


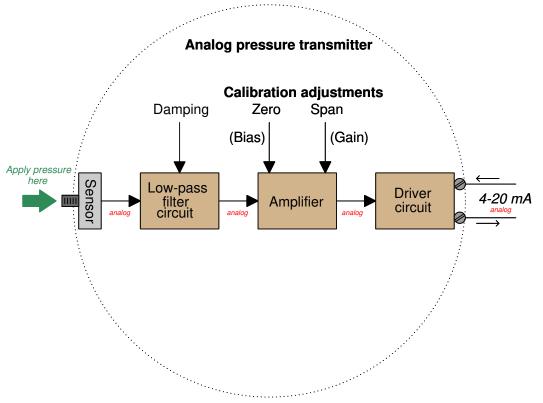
$$f = \frac{1}{2\pi RC}$$

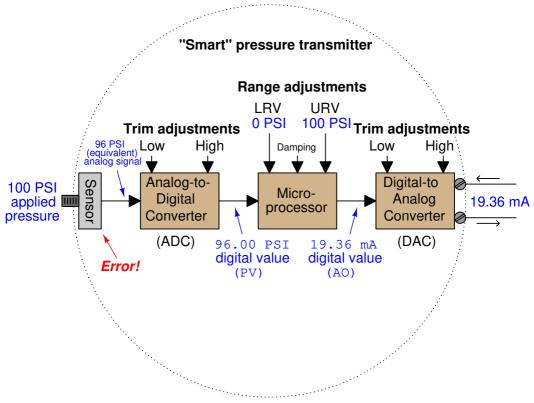


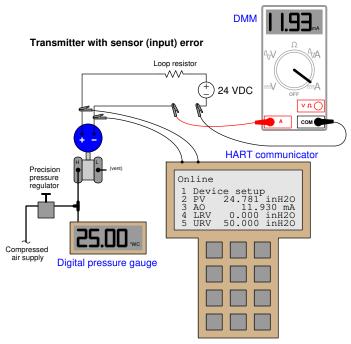


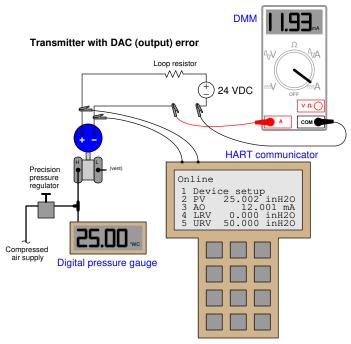


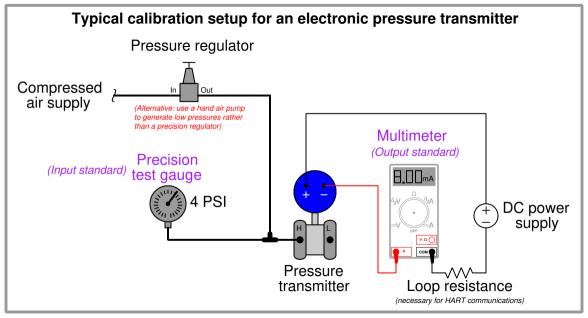








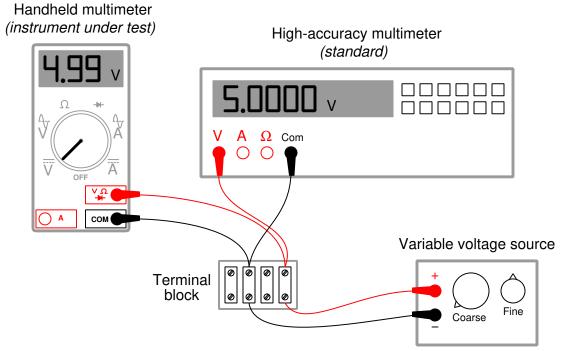




Typical calibration setup for an electronic temperature transmitter Loop resistance $\exists \Box \Box mA$ Multimeter 24 VDC (Output standard) supply Temperature transmitter Loop power Sens Thermocouple/RTD simulator A thermocouple/RTD simulator outputs 9 appropriate millivoltage/resistance values (Input standard) to simulate thermocouples and RTDs at 6 °C 5 specified temperatures. 121 °F 0 Enter

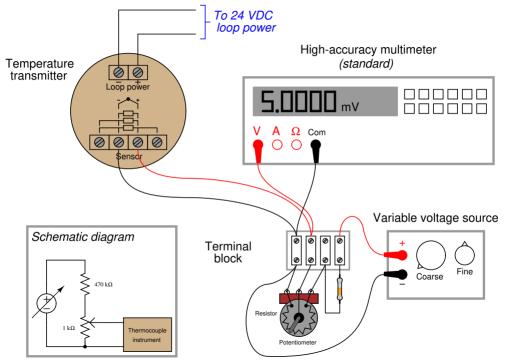








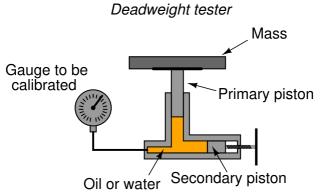












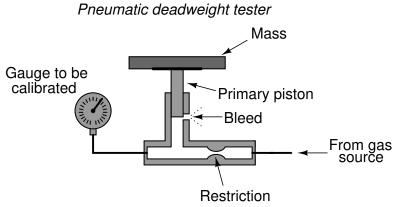
$$P = \frac{F}{A}$$

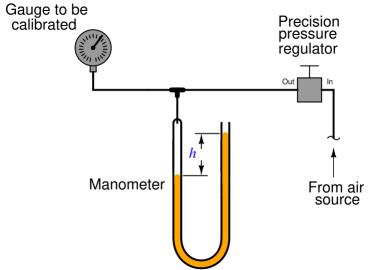
$$F_{weight} = mg$$



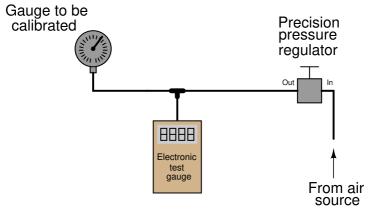








$$P = \rho g h$$
 (or) $P = \gamma h$



$$\frac{\Delta V}{\Delta t}$$
 = Average flow

$$\frac{\Delta V}{\Delta t} \approx \frac{dV}{dt}$$
 = Instantaneous flow



$$y = mx + b$$