

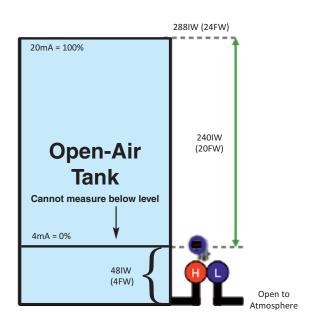
Ashcroft® Pressure Transmitters

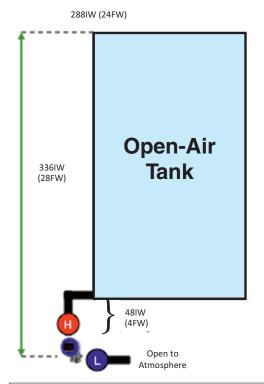
TR/PI-26

GC52 COMMON INDUSTRY APPLICATION

LINEAR MODE PRESSURE RESCALING #1

This depicts range scaling of the product in an Open-Air Tank application with a pressure range of 400 IW. In each example, the distance of the instrument from the tap is taken into consideration; the high port has been attached to the tank with the low port open to atmosphere.





MENU	SELECTION	ON: EN	TER '	N LIN'*
_			_	

<u>Screen Code</u>	<u>Input Data</u>		
P (underscore)	0 IW		
P (upperscore)	240 IW		
d (decimal point)	0		
d (underscore)	48 IW		
d (upperscore)	288 IW		
A (underscore)	0%		
A (upperscore) C (loop check)	100% 48.00 IW288 IW		

^{*}Enter display mode by pressing mode key for >3 seconds. After rescaling and loop check, hit mode key for >3 seconds to return to measurement mode

MENU SELECTION: ENTER 'N LIN'*

<u>Input Data</u>
48 IW
336 IW
0
0 IW
288 IW
0%
100%
0.00 IW48.00 IW

^{*}Enter display mode by pressing mode key for >3 seconds. After rescaling and loop check, hit mode key for >3 seconds to return to measurement mode

GC52 COMMON INDUSTRY APPLICATION

LINEAR MODE PRESSURE RESCALING #2

Rescaling a 80 IW unit for an application requiring 4mA = 12 IW and 20mA = 36 IW. This is in lieu of the pressure range being linear to the output signal; 4mA = 0 IW and 20mA = 80 IW.

		1	
MENU SELECTI	ON: ENTER 'N LIN'*		
Screen Code	<u>Input Data</u>		
P (underscore)	12 IW		
P (upperscore)	36 IW		
d (decimal point)	0		
d (underscore)	0 IW	20mA =	
d (upperscore)	24 IW		
A (underscore)	0%		
A (upperscore)	100%		
C (loop check)	0.00 IW24.00 IW		
*Enter display mode by pressing mode key for >3 seconds. After rescaling and loop check, hit mode key for >3 seconds to return to measurement mode			
	to measurement	4mA = 1	

