

Ashcroft® Pressure Transmitters

PIP #: TR-PI-26

Applicable to:

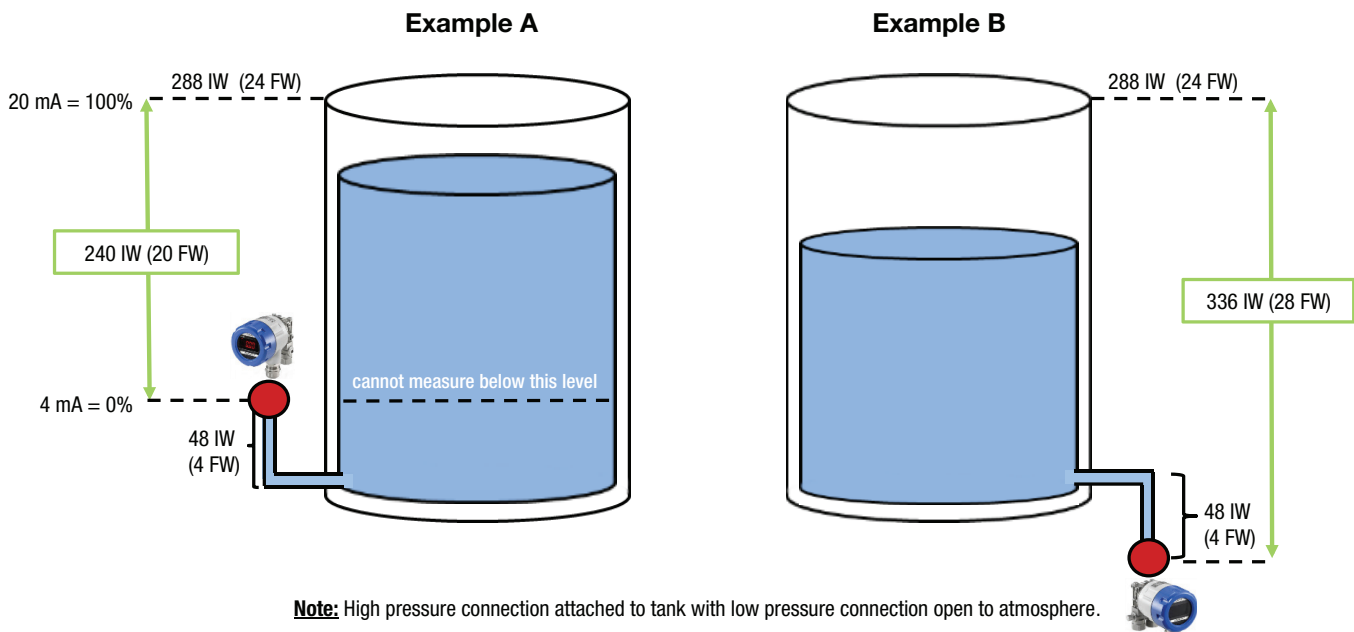
GC52

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 inches of water (IW). In each example, the distance of the instrument from the tap is taken into consideration.

Open-Air Tank



Example A

Example B

MENU SELECTION: ENTER 'N LIN'*

Screen Code	Input Data
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)	100%
C (loop check)	48.00 IW...288 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'*

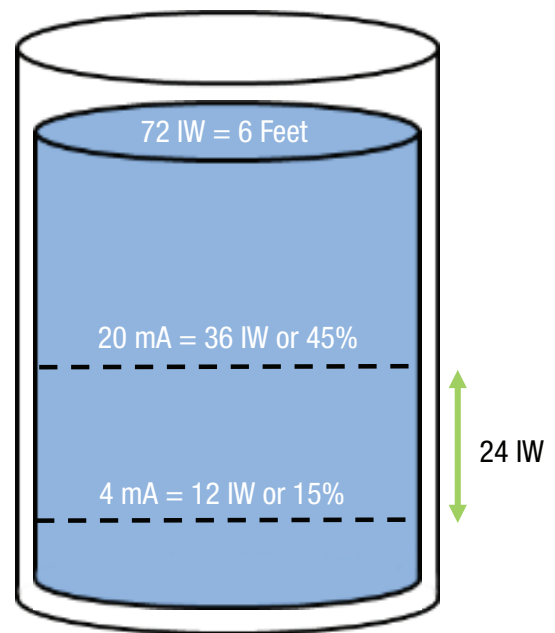
Screen Code	Input Data
P (underscore)	48 IW
P (upperscore)	336 IW
d (decimal point)	0
d (underscore)	0 IW
d (upperscore)	288 IW
A (underscore)	0%
A (upperscore)	100%
C (loop check)	0.00 IW...288 IW

*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.

Tank


MENU SELECTION: ENTER 'N LIN'*

<u>Screen Code</u>	<u>Input Data</u>
P (underscore)	12 IW
P (upperscore)	36 IW
d (decimal point)	0
d (underscore)	0 IW
d (upperscore)	24 IW
A (underscore)	0%
A (upperscore)	100%
C (loop check)	0.00 IW...24.00 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