

Ashcroft® Pressure Transmitters

PIP #: TR-PI-25

Applicable to:

GC51 COMMON INDUSTRY APPLICATION

**NON-LINEAR MODE PRESSURE
RESCALING**

This encompasses rescaling an existing pressure range. In this instance, a 0 to 150 psi unit is being rescaled as 0 to 45 psi. Note: Rescaling is entered as a percentage of the full scale pressure range and not the actual unit of pressure; 45 psi is 30% of range of 200 psi.



MENU SELECTION: ENTER 'N NON'*

<u>Screen Code</u>	<u>Input Data</u>
A (underscore)	0%
A (upperscore)	30%
C (loop check)	0.00 psi....45.00 psi

*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.

GC51 COMMON INDUSTRY APPLICATION

LINEAR MODE PRESSURE RESCALING

Instrument utilized to monitor water tower tank level. Rescaling of existing unit with 100 psi pressure range according to user-defined measurement. Level monitoring to cover bottom to top of tank 'bowl'. Example depicts unit of measure as 'psi'.



MENU SELECTION: ENTER 'N LIN'*

<u>Screen Code</u>	<u>Input Data</u>
P (underscore)	45 psi
P (upperscore)	90 psi
d (decimal point)	0
d (underscore)	0 psi
d (upperscore)	45 psi
A (underscore)	0%
A (upperscore)	100%
C (loop check)	0.00 psi...45.00 psi

*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.