

TECHNICAL INFORMATION SHEET – NUMBER 164

MODELS 2416, 2408, AND 2404 – SCALING LINEAR INPUTS

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ISSUED BY THE APPLICATIONS ENGINEERING DEPARTMENT

This technical information sheet is a complete procedure for setting up the linear scaling in configuration mode. If user calibration scaling is necessary, please refer to technical information sheet #163.

1. The controller must be powered up and in configuration mode.
2. Press the page key until **iP ConF** is displayed.
3. Press the scroll key until the **inPt** parameter is displayed. Set the **inPt** parameter to **mV**, **mA**, or **voLt**.
4. Press the scroll key until the **inP.H** parameter is displayed. Set this parameter to the high **mV**, **mA**, or **voLt** signal that will be applied to the controller.
5. Press the scroll key until the **inP.L** parameter is displayed. Set this parameter to the low **mV**, **mA**, or **voLt** signal that will be applied to the controller.
6. Press the scroll key until the **VAL.H** parameter is displayed. Set this parameter at the highest value that can be displayed.
7. Press the scroll key until the **VAL.L** parameter is displayed. Set this parameter at the lowest value that can be displayed.
8. Exit configuration.

Table 1

Input	inP.H	VAL.H	inP.L	VAL.L
*4-20mA	49.8	Dis.High	9.8	Dis.Low
*0-20mA	49.8	Dis.High	0.0	Dis.Low
0-5V	5.0	Dis.High	0.0	Dis.Low
0-10V	10.0	Dis.High	0.0	Dis.Low
0-50mV	50.0	Dis.High	0.0	Dis.Low

* Shunt required