



UDC 3500 Application Note





RESTORING FACTORY CALIBRATION TO INPUT

The factory calibration constants for all the input actuation types that can be used with the controller are stored in its non-volatile memory. Thus, you can quickly restore the “Factory Calibration” for a given input actuation type by simply changing the actuation type to another type and then changing it back to the original type.

ATTENTION




A restored factory calibration overwrites any previous field calibration done for the input and may change the High and Low Range Limits. Protect your field calibration from accidental overwrites by configuring the appropriate LOCKOUT selection after calibration.

Restore Factory Calibration

Step	Operation	Press	Result
1	Set LOCKOUT to NONE		until you see: <i>Upper Display</i> = SET UP <i>Lower Display</i> = TUNING
			Until you see: <i>Upper Display</i> = one of the following: NONE – all parameters are read/write CALIB – all parameters are read/write except Calibration +CONF – configuration parameters are Read Only; no writes permitted +VIEW – Tuning and Setpoint Ramp parameters are read/write. No other parameters can be viewed. ALL – Tuning and Setpoint Ramp parameters are available for read only. No other parameters can be viewed. <i>Lower Display</i> = LOCKOUT
		^ or v	Until NONE is in the upper display
2	Enter INPUT Setup Group		until you see: <i>Upper Display</i> = SET UP <i>Lower Display</i> = INPUT n n = 1 to 5
			until you see: <i>Upper Display</i> = the current selection <i>Lower Display</i> = INn TYPE n = 1 to 5
		^ or v	to change the current selection to another selection



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Step	Operation	Press	Result
3	Scroll through Functions		until the lower display rolls through the rest of the functions and returns to: <i>Upper Display</i> = the new selection <i>Lower Display</i> = INn TYPE n = 1 to 5
		or 	until you change the input selection in the upper display back to the proper selection. You will see: <i>Upper Display</i> = Original Input Selection that matches your type of sensor. <i>Lower Display</i> = INn TYPE n = 1 to 5
4	Return to Normal Operation		to return to Normal operating mode. The factory calibration will be restored.