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Series 4000 Panel Meters from GLA Elettronica srl

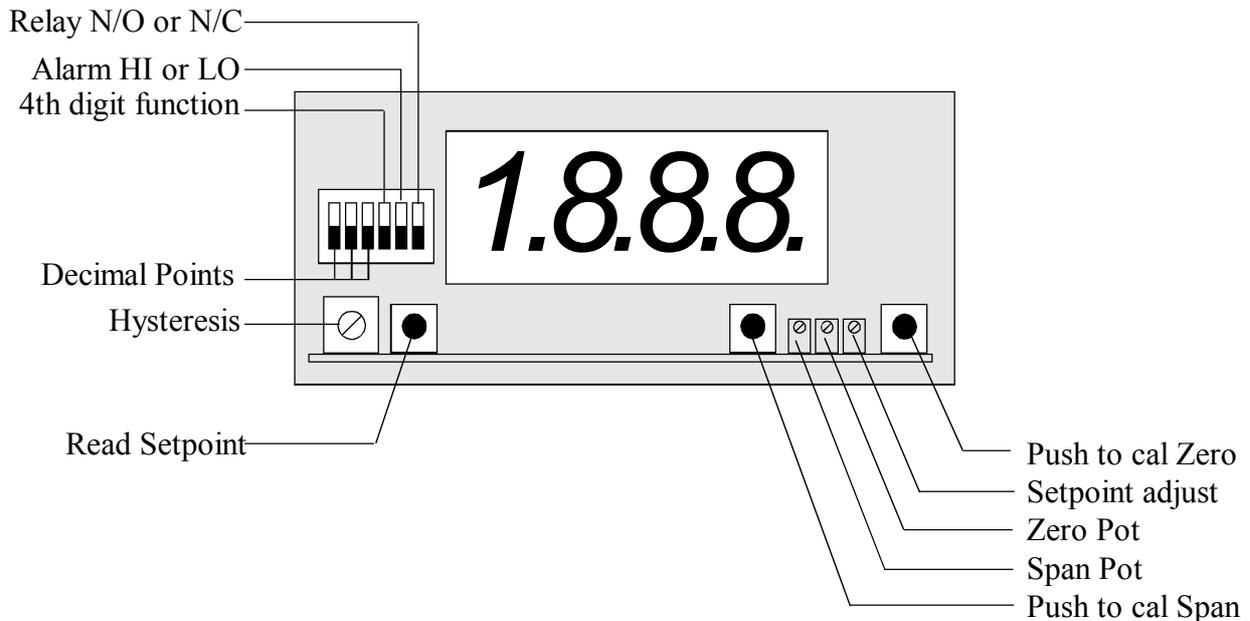
4000L=4-20mA, 4000LA=0-20mA, 4000LV=0-10V, 4000LT=1-5V, 4000LS=0-60mV,
4000L1=+/-200mV, 4000L2=+/-2V, 4000L3=+/-20V, 4000L4=+/-200V.
Suffix AL indicates Alarm option fitted

Description:

GLA's 4000 L series is designed to monitor process signals, typically 4-20mA, 1-5V, 0-10V, using an internal shunt for current inputs, or direct feed for DC voltage. A 24VDC excitation supply is provided to power the process loop.

A useful feature allowing calibration in-situ, without the need for an external calibrator, is the two calibration pushbuttons, one for zero, one for span, which inject nominal 4mA and 20mA respectively, to the I/P stage.

An enhanced version of the display is available with 5A, 250VAC setpoint relay installed.



Calibrating the Display:

Remove the meter's front lens to gain access to the controls.

- * Firstly select the desired decimal point position using the small DIP switch to the left of the display.
- * Next apply 0% signal (or press the Zero push-to-cal button) and adjust the Zero Pot to obtain the desired reading.
- * Next, apply 100% signal (or press the Span push-to-cal button) and adjust the Span Pot to obtain the desired reading.

Setting the Alarm:

Remove the meter's front lens to gain access to the controls.

- * Firstly, select the relays operation as HI or LO and NO/NC using the DIP switches to the left of the display.
- * Press the 'Read Setpoint' button and adjust the setpoint to the desired value using 'Setpoint Adjust' pot.
- * Adjust hysteresis, as necessary using the 'Hysteresis' pot.