

INTB Load Cell Indicator

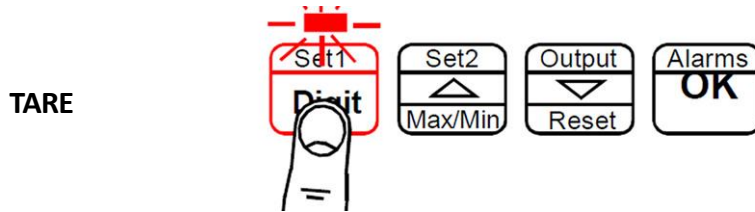


Hardware Version : INT4-L
Software Version : F04.01

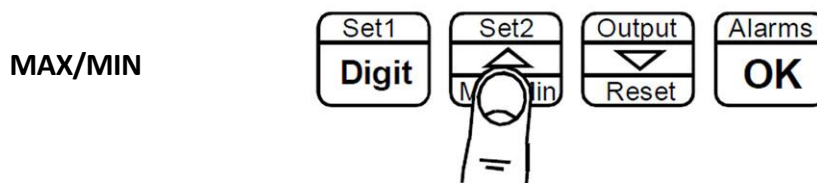
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KEY FUNCTIONS

Standard configuration – for additional options ordered, refer to full technical manual.



Press and hold to tare.
Press 'Reset' briefly to remove tare.



Press to display maximum measured value (100% LED lit), press again to display minimum measured value (0% LED lit).
Press and hold 'Reset' to clear memory.



Press to scroll through alarm setpoints. In normal operation LED's show alarm condition.
(If alarm outputs ordered, refer to technical manual for alarm operation).

SPECIFICATIONS

Power Supply	100-240 VAC 45 to 60Hz
Supply Current	10VA Maximum
Case Material	Black Polycarbonate
Case Dimensions	144 x 72 x 138 mm
Load Cell Excitation	10VDC rated at 120mA
Display Type	LED 14mm characters
A/D Conversion	Sigma-Delta 10 per second 50/60Hz rejection
Internal Resolution	1 : 400,000 Max.
Display Update Rate	100mS
Zero Tempco	<30ppm/°C
Span Tempco	<25ppm/°C
Accuracy *	0.05% Reading
Operating Temperature	0 to +50°C
Environmental Sealing	IP40

* Relates to this device only. Refer to Certificate of Calibration or specification for supplied load cell for overall accuracy of the measurement system.

ANALOGUE OUTPUT SPECIFICATIONS (INTB-ANV / INTB-ANC only if ordered)

0-10V (INTB-ANV) or 4-20mA (INTB-ANC) is scaled during factory calibration.

By default, output is proportional to display reading NET value. Low value (0V or 4mA) is output when display reads zero. High value (10V or 20mA) is output when display reads system maximum capacity.

For alternative configuration, consult the supplier.

Output Type	0-10V	4-20mA
Drive Capacity	>1K Ohms	<500 Ohms
Accuracy	±0.1% of range	
Resolution	16 bit D/A	
Isolation	250VAC Optically isolated	
Thermal Stability	±50ppm/°C	
Scaling	Proportional to display NET value	

WARRANTY

This equipment is provided with 1 year warranty from date of supply, against manufacturing or operational defects, when used in accordance with manufacturer's instructions and specifications.

This warranty does not cover misuse, accidental damage, incorrect installation, or damage in transit. Faults arising from these conditions will be considered on an individual basis on return of the faulty item.

The device should not be altered, modified or adapted in any way as to affect its operation or use.

Any repair or calibration should be carried out by the manufacturer or manufacturer's authorised representative.

DECLARATION OF CONFORMITY

Complies with the essential requirements and all other relevant provisions of the following directives:

EMC Directive **EN61326-1:1997**

Safety Standard **EN61010-1:2001**



RoHS

Under Category 9 of Directive 2002/95/EC all components are fully compliant where necessary.

WEEE

These products should be disposed of at a designated collection point for the correct recycling of electrical and electronic equipment under the European Union WEEE Directive 2012/19/EU.

