

INT4-L

- ✓ Bright easy to read 5½ digit LED display
- ✓ Highly flexible with a wide range of customisation options
- ✓ Up to 4 alarm set point relays
- ✓ Options for mA or V analogue output
- ✓ RS232 and RS485 communications options
- ✓ Linearisation, to correct for sensor non-linearity



Specification

Parameter	Value	Unit
Display	5½ digit red or green LED display with 15mm high digits, plus indicators for alarm set points and programming.	
Sensitivity	0.5 to 4.0mV/V.	
Conversion rate	10 readings per second.	
Accuracy	±0.05% of FSD. Allow 30 minutes after switch-on, for thermal stabilisation.	
Thermal stability	Span ±25ppm/°C, Zero offset ±30ppm/°C.	
Loadcell input	4 wire and 6 wire with remote sensing.	
Loadcell supply	Ratiometric, 10Vdc at 120mA.	
Operating temperature	0°C to 50°C.	
Storage temperature	-20°C to +70°C.	
Supply requirements	Options for 11 to 30Vdc or 100 to 240Vac 10VA maximum.	
Analogue output	16bit with options for 4 to 20mA, 0 to 10V, or -10 to +10V.	
Communications	Options for RS232, or RS485,	
Alarm set points	Options for 2 SPST relays, 4 SPST relays, 2 SPDT relays, or 2 solid state trips.	

Logic inputs	3 configurable logic inputs, for Hold, Reset, Tare, Peak/Valley, Nett/Gross.	
Special optional features	Real Time Clock, IP67 panel mount cover, Panel mount printer.	

The versatile INT4-L panel mount loadmeter for strain gauge loadcells

The versatile INT4-L panel mount loadmeter for strain gauge loadcells With its bright easy to read LED display, wide range of options and simple operation the INT4-L is ideal for industrial force measurement applications. There are options available for RS232 and RS485 communications and up to 4 alarm set point relays. Analogue output options are available for voltage and current loop outputs. The meter has logic input terminals that allow for installation of the meter with external panel mount buttons for basic meter functions, like Hold, Tare, Peak/Valley, Net/Gross. We can supply this meter with a ticket printer and real time clock module to provide a paper record of spot readings. If the INT4-L is ordered with a loadcell it will normally be supplied calibrated to read the loadcell in the same force units as the loadcell calibration. A traceable system certificate will be supplied for the loadmeter and loadcell system.

Order Codes

Code	Description
INT4-L-X	Analogue output: 0=None, ANB=-1-to+10V, ANI=4to20mA, ANV=0to10V
INT4-L-X-X	Alarm set points: 0=None, AL2=2 relays, AL4=4 relays
INT4-L-X-X-X	Serial communications: 0=None, 232=RS232, 485=RS485
INT4-L-X-X-X-X	Display Colour: R=Red, G=Green
INT4-L-X-X-X-X-X	Power supply: AC=100to240Vac, DC=11to30Vdc
INT4-L-X-X-X-X-X-X	Mounting option: 0=Standard panel mounting, DIN=DIN rail mounting

 Files

Type	Title	Download
	Printable manual	Download
	Analogue Output	Download
	Alarm Set Points	Download
	Serial Output	Download

Novatech Measurements Limited

83 Castleham Road, St Leonards on Sea, East Sussex, TN38 9NT, England.

Telephone: +44 (0)1424 852744

Fax: +44 (0)1424 853002

E-mail: info@novatechloadcells.co.uk