

## LT4000 Class 2 Laser Distance Meter Series with Keypad & Display



### FEATURES:

- ♦ Low Cost Laser Distance Meters
- ♦ Display and Keypad incorporated
- ♦ Working ranges of between 60M and 250M
- ♦ Class II, 635 nm Lasers
- ♦ Robust IP67 housing
- ♦ Multiple outputs available:
  - Serial RS232 or RS422 connection
  - 4-20mA Analogue connection
  - Ethernet TCP/IP connection

### Description

The LT4000 Laser Distance Meter Series comprises three general purpose Lasers with working ranges of between 60 and 250M off a reflector for control of cranes and general automation control.

The three models are:

LT4060M with a maximum range of 60M off reflector  
 LT4150M with a maximum range of 150M off reflector  
 LT4250M with a maximum range of 250M off reflector

Various options are available with alternative outputs to suit most user needs. Namely, RS232 or 422 interface, Ethernet TCP/IP or 4-20mA analogue.

To facilitate programming of this LT4000 Laser without the need for a PC on the crane, it is provided with a built-in keypad and display.

For extreme cold locations, the LT4000 is available with thermocouple controlled heater.

For additional control and safety the serial interface provides text alarm when temperature level outside tolerances and received measured signal too strong or weak or outside the range of the Laser.

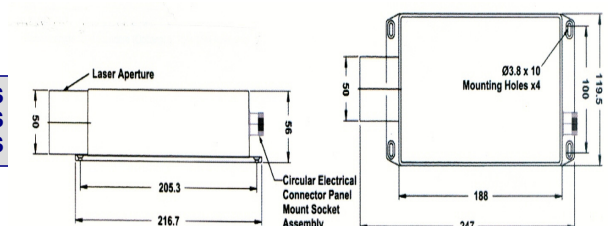
### Technical Specification:

Range of Lasers* Power Supply Laser Class Laser Wavelength Laser Divergence Power consumption	0.15-250M off reflector 24 VDC Class 2 635 nm 1mW 30mm at 50M 3 Watt (with heater 15 W)
OUTPUT OPTIONS: Serial Interface Serial Interface Analogue Ethernet Programmable Alarm	RS232 RS422 4-20mA TCP/IP Dual switch output
Serial Data Format Measurement Time Operating Temp Accuracy Resolution Housing Protection Class Dimensions	8-data bit, 9600 Baud 0.2 sec 0°C to +40°C ± 1-10mm at max range 1mm Aluminium IP67 247(W)x119.5(L)x50(H)mm

\* Dependant on model selected

### Models

LT4060M-232 LT4150M-232 LT4250M-232	LT4060M-422 LT4150M-422 LT4250M-422	LT4060M-MA LT4150M-MA LT4250M-MA	LT4060M-TCP LT4150M-TCP LT4250M-TCP	LT4060M-DS LT4150M-DS LT4150M-DS
Serial RS232 connection	Serial RS422 connection	4-20mA analogue	TCP/IP Ethernet	Dual Switch Alarm



**MODULOC® Technology - The Total Sensor Solution**

**A Rotalec Group Company**

**Group Head Office**  
 Quebec, Canada  
 E : [info@rotalec.com](mailto:info@rotalec.com)  
 T : 514-341-3685

**UK Manufacturing & Sales Centre**  
 Hertfordshire SG3 6JP  
[www.moduloc-intl.com](http://www.moduloc-intl.com)  
 E : [sales@moduloc-intl.com](mailto:sales@moduloc-intl.com)  
 T : +44 (0) 845-873-6501

**USA Sales Office**  
 Minneapolis MN55344  
 E : [sales@moduloc-usa.com](mailto:sales@moduloc-usa.com)  
 T : 952-238-8453