The LANDMARK® LMi indicator is a simple, reliable digital panel meter intended for cost conscious temperature monitoring and basic control applications.

**Features**
- Large, 7 segment, 4 digit, LED Display
- Fully programmable via front panel
- Peak and Valley indication
- IP65 sealing (when panel-mounted)

The LANDMARK® LMi indicator can be integrated directly into simple two-wire 4 to 20mA systems, and can supply power to transducers.

LANDMARK® LMi indicator is fully compatible with ALL LAND Non Contact Temperature Measurement systems which have 4 to 20mA outputs, and is designed specifically for use with UNO and BASIC systems.

**Options**
- Choice of power supply voltages
- High/Low temperature Alarms
- 4 to 20mA retransmission output or two-wire thermometer power supply

The large, easy to read, LED panel provides a continuous display of measured temperature.

The front panel keys provide access to all setup menus. Access can be password protected and keys disabled to prevent unauthorised adjustment during normal operation.

LMi automatically stores in memory the highest and lowest temperatures measured. These values can be displayed by a single key press, and reset if required.

The robust aluminium enclosure and sealed, non-reflective, scratch resistant front panel make the LMi ideal for use in most industrial applications. When panel mounted, the unit is sealed to IP65 - making it suitable for installation in panels which are hosed down during cleaning.

The LMi can be supplied with two heavy-duty, changeover relay alarm outputs. Each alarm output is indicated by a separate LED on the LMi front panel. Alarms can be set as high or low, latching or non-latching. Hysteresis, delay and silence functions can be configured to suit each particular application.

The optional retransmission output provides a 4 to 20mA signal which is fully isolated and can be set to cover any part of the display range. Alternatively, the LMi can be fitted with output connections to provide power to a two-wire thermometer.

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**LMi Order Codes**

<table>
<thead>
<tr>
<th>LMI - Landmark indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply voltage</td>
</tr>
<tr>
<td>115 99 to 132V AC 50/60Hz</td>
</tr>
<tr>
<td>230 198 to 264V AC 50/60Hz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alarms (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>O No alarm fitted</td>
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<tr>
<td>A Alarm fitted</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Outputs (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>O No option fitted</td>
</tr>
<tr>
<td>P Power supply (for thermometer)</td>
</tr>
<tr>
<td>R Retransmission output</td>
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</tbody>
</table>
DIMENSIONS

Panel cut-out dimensions

All dimensions in mm/in

SPECIFICATIONS

Power requirement
Voltage: 99 to 132V a.c., 50/60Hz
198 to 264V a.c., 50/60Hz
Power consumption: 4W max

Analog input
Range: 4 to 20mA
Resolution: 1 in 10,000

Accuracy
Maximum error: ±0.05% of display ±½ digit
Span temperature coefficient: 100ppm max/°C of display span
Zero temperature coefficient: 50ppm max/°C of display span

OPTIONS AVAILABLE

Alarms
Number of alarms: 2 (independent channels)
Output: Single pole, changeover contact
Rating: 250V a.c., 5A; 30V d.c., 5A
Functions: Programmable high/low trip, latching/non-latching, hysteresis, delay, silence

Retransmission output*
Analog output: 4 to 20mA
Limits: Can be adjusted to cover any part of display range

Thermometer power supply*
Output: 24V d.c. at 22mA max. Short circuit protected
Compatibility: Model FG, Roadstone Thermometer, RT3, SOLO, SOLOnet

*Each LMi can be fitted with either a retransmission output or a power supply (not both)

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The LMi complies with current European directives relating to electromagnetic compatibility and safety (EMC directive 89/336/EEC; Low voltage directive 73/23/EEC). The Quality Management System of Land Instruments International Ltd. is approved to BS EN ISO9001:2000 for the design and manufacture, stockholding, in-house repair and site servicing of non-contact temperature measuring instrumentation. Associated software designed and developed in accordance with TickIT. Calibration certificates are available from our UKAS accredited Calibration Laboratory No. 0034. The Land calibration laboratory complies with BS EN ISO/IEC 17025.