

Installation of Load Measuring Pin (LMP)

1. Insert LMP into position carefully. For optimum performance it should be a slide fit. A loose fit will provide irregular results. A tight fit may provide increased readings.
Do not use a hammer to install your pin.
2. Align force mark in the direction required. Force is always sensed on the area adjacent to the inside of each side-plate, in the centre section of the pin.
3. Fit retaining hardware without applying permanent axial pressure or down force.
4. Calibrate the readout instrument after installation. The placement of sheaves, machinery or connecting rods will always change the output from the original factory settings.
5. Output is millivolts. 0 mV = zero load
10mV = full scale
6. Excitation voltage: 10 VDC. Can be varied slightly according to instrument specifications.
7. Signal cable should be at least 150mm clear of high voltage power cables.

Care of Load Measuring Pin

- Avoid saturation or immersion
- Avoid high voltage spikes
- Avoid welding near LMP
- Avoid lightning strikes
- Avoid damage to signal cable
- Never exceed safe working load.