



Running Line Monitor Applications



The Euroload range of Running Line Monitors are designed to measure the tension in a static or moving steel wire. The three wheels create approx. a 5 degree deflection onto the center sheave where we have fitted a load measuring pin. Proximity sensors are also fitted to the center wheel to read the payout and speed. The load reading is accurate to within +/- 1% of FSD and the length measurement is approx. 5-10% accurate. The signal from the RLM can be transferred to the measuring instrumentation via cable or telemetry. We would advise the best solution for individual requirements.

Running line monitors are commonly used for applications using Winches to pull objects into place, mobile and static cranes, towing on ships, Mooring systems for barges or ships.

RLM's are preferred in these applications as you have an independent system measuring the direct load on the rope. Systems incorporating load measurement can be complex as you require a fixed angle to read the load correctly or various sensors to tell you the rope position.

Euroload can supply complete systems, or integrate into existing electronics with our extensive range of input/output modules available.