

Liftlog™

Why install Liftlog™?

According to the latest version of AS2550.1-2011: *Cranes, hoists and winches – Safe Use*: “failure to keep records of use will dictate the necessity for more frequent major inspections” (AS2550.1-2011, p49). The only method of recording usage that will not require the remaining life to be reduced by a factor of safety is to use an automatic recording system, such as Liftlog™. This reduction can be up to 33% of crane life!

Additionally, cranes that are being used more than anticipated or at higher loads, risk premature failure. Overloads, shock loads and poor operating practises also reduce crane and hoist life. Conversely, lightly or seldom used cranes may not require overhaul as often. Reducing risk associated with owning and operating cranes, whilst simultaneously optimizing lifecycle costs, can only be done by maintaining your cranes based on their actual usage.

Liftlog™ is a remaining life and load limiting data-logger for cranes that logs all hoisting motions as well as longitudinal and transverse travel. Accompanying software takes the wirelessly downloaded data and applies AS2550.1-2011 to calculate the remaining life of the crane.

Technical Details



PHYSICAL

Dimensions (mm): 110 x 114 x 23

Mounting: 30mm DIN Rail

Operating temperature range (°C): -20 to 85

ELECTRICAL

Supply voltage: 24-240VAC/DC

Supply current: 7-12mA

Fault output contact ratings: 240VAC/DC, 2A

Battery backup life: 10 years



HoistNet

About CASWA

CASWA is an Australian company that designs electronics and software for collecting, analysing and disseminating data to help asset owners and maintainers make better business decisions. CASWA also manufactures and distributes the Sole Digital range of asset management products at a facility in Perth, Western Australia, many of which have been developed specifically to support the crane industry.

More information on Liftlog™ is available from www.soledigital.com.au/liftlog.html or contact us directly at:

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