

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: 48-240VAC
Supply current: 7-12mA
Fault output contact ratings: 55VAC/DC, 500mA
Battery backup life: 10 years

About CASWA

CASWA is an Australian company that helps businesses use equipment data to improve design making about their engineering assets. Sole Digital products comprise a range of electronic devices developed by CASWA to improve safety and reliability of industrial plant, including overhead cranes. These are manufactured at a facility in Perth, Western Australia.

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

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