

## Weather check

A new weather warning system from ELE International has been designed to give advance warning to tower crane operators in case of high winds, ice and other potentially hazardous operating conditions. The company's ELE BOX system combines weather sensors with wire-free telemetry, and uses communication techniques such as GSM, SMS, radio and satellite to send an

instant text message to the operator or staff on site in time to take the necessary safety precautions.

The system's software can be set to individual parameters, such as wind speed or temperature, so that if weather conditions fall outside the set parameters, the ELE BOX control facility will raise an alarm, activate or shut down safety-critical equipment. Each system can



activate remedial or warning systems remotely, almost anywhere in the world.

## Greased up

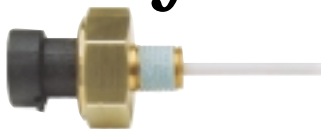
J D Neuhaus claims it has improved the performance and working life of its Profi TI range and EH monorail series hoists, with lift capacities in excess of 25 tonnes, by fitting rotors which incorporate a unique integrated lubricating system. High performance grease is inserted into cylindrical chambers, situated between the slots for the vanes on the main rotor body.

During rotation, the grease is released from the chambers through porous covers, causing



This TC 100 Mini controller is the latest addition to Catron Theimeg's TC 100 Series range of portable remote controllers, designed for use with cranes and electrical chain hoists. The unit comes equipped with one single axis joystick for one 2-stage drive, one dual axis joystick for two 2-stage drives, three push buttons and one three-way selector.

## Tiny but mighty



Size has been the key to the design of Fozmula's new low cost capacitive liquid level switch for monitoring coolant levels in engine radiators. The company has focused on miniaturising the design of its new S45 unit, which offers an alternative to traditional float operated devices. The S45 features a built-in 10 second time delay, which allows the switch to operate effectively where

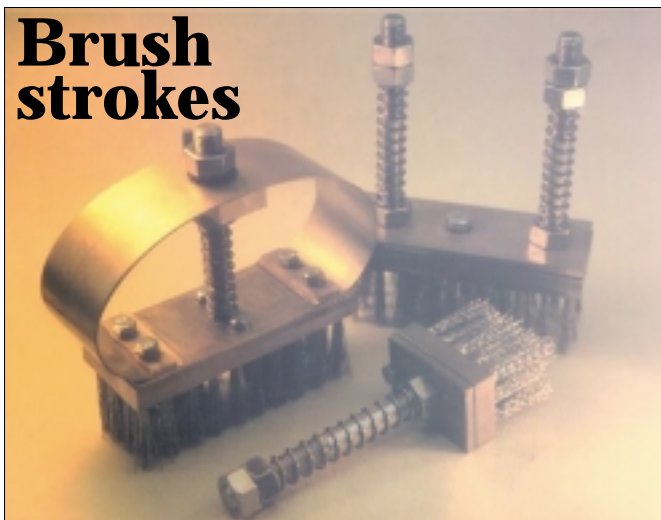
fluid turbulence or vibration can cause a float device to signal intermittently.

The standard version is available with a 1/4 inch (6.35 millimetres) NPTF thread, which comes with a pre-applied thread sealant to improve assembly times, while various optional thread sizes include 1/2 inch (12.7 millimetres) BSP and 1/2 inch NPTF. The new S46 version is also available, designed to carry out the same functions as the S45, but for use with oil or fuels.



small portions of lubricant to permeate into the motor chamber. The company says that the system is an excellent safety feature, which provides back up to in-situ lubricants and protection for the vanes and motor rotor for up to 100 hours of operation.

## Brush strokes



A partnership between the UK's Crane Care and

French Industrial brush specialist, Devirieux, has produced a new conductive brush that cleans

away debris on overhead crane rails. The new Rail Sweep range of spring-loaded wire brushes have been designed to permanently fasten behind the wheels on travelling cranes, gantries and monorails and continually remove unwanted excess material while the crane is in use.

Commenting on the new range, Devirieux's Karen Fremont explains that "not only will continuous cleaning increase the wheel's life span, the Rail Sweeps also abolish the need for costly set-up charges incurred with other cleaning methods."

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