

A fine pair

E2S, Europe's leading manufacturer of sounders and beacons has developed two new products recently - the B100 panel-mount beacon and the electronic Hootronic.

The beacon is available with static or flashing filament, Xenon strobe or LED light sources and is ideal for use in applications such as status lights, warning lamps and safety indicators.

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Using a standard PG29 thread size, the beacon has pluggable terminal connections to make installation quick and easy, while the tamper-proof lens allows the user to change the bulb without needing access to the panel.

All versions are protected to IP65 and the LED option has much lower life costs than a traditional filament lamp, particularly in status lamp applications where the beacon is illuminated continuously.

Optionally available with an audible as well as visual output, the Spectra family includes panel mount warning buzzers which give sound outputs up to 95dB and, when used with the optional neoprene gasket also give protection to IP65. All Spectra models are available in red,

amber, blue, clear, green and yellow and are a major addition to the E2S range of high weatherproof and explosion proof sounders, beacons and loudspeakers.

The new Hootronic has been successfully trialed at the Port of Felixstowe, where the cranes cannot operate without a functioning warning device. The cranes currently use traditional electro-mechanical hooters, which have several moving parts and are prone to mechanical failure. In the trial, hooters have been replaced by the electronic Hootronic, which overcomes this problem by having no moving parts, eliminating downtime and increasing productivity.

Using the latest in SMD class D amplifier technology and digital to

With no moving parts, the electronic Hootronic is maintenance free.

analogue conversion, the E2S Hootronic can faithfully replicate sounds in one product with the reliability and performance of a modern electronic sounder.

It is continuously rated, has low inrush current and has a very high output up to 124dB(A) at 1 metre. It has a large termination area with multiple cable entries if required, generates no back EMF and can be configured with a choice of five first stage warning sounds, each with two additional remotely selectable alarm stages.

The unit is available in two formats and can be combined with Xenon, LED or filament bulb beacons for complete audio-visual signalling.



ATEX force transducers

In more and more applications force transducers are used in areas where measures are necessary to avoid explosions such as in the chemical and petrochemical industries, offshore installations, and mining applications. In applications, where explosive dusts may occur, similar measures have to be taken.

For these kind of applications tectis GmbH now offers all force transducers with thin film sensor and integrated amplifier (output 4 -20 mA) with ATEX certification which approves the use of the force transducers for zones 1 and 2 (gases) according to ATEX directive 94/9/EC. The certification was approved with ignition protection class "ib"

(intrinsically safe). The ATEX certification is important for markets in Europe. For other markets in America and Asia the force transducers are also approved according to IECEx.

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Speedy prevention

Speedy Hire has launched a new locking system aimed at making scaffolding towers safer and to combat theft. Speedy's Towerlock system increases the safety of working at height by preventing tampering and potentially unsafe disassembly of scaffolds. The system also combats theft and could save contractors thousands of pounds in equipment replacement costs and lost working time, according to its manufacturer Birchwood Products.

Andy Connor, senior supply chain manager at Speedy Hire said: "Equipment theft costs the construction industry between £600 million and £1 billion every year and scaffolding tower parts - which are often left unattended on sites overnight or during weekends - are a common target."

"As well as savings in replacement costs and lost work time, proactive theft prevention may also reduce insurance premiums."

The heavy-duty lock, available exclusively from Speedy Hire depots, is made from 5mm powder-coated steel and allows standard diagonal and horizontal scaffolding poles to be secured together with a simple padlock and pin mechanism.

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