

MiddleEastCranes

DRIVING CONSTRUCTION 2009

The biggest crane industry meeting in the Middle East



**Conference & exhibition: 24 - 25th February 2009,
Shangri-La Hotel, Dubai, UAE**

www.middleeastcranes.com

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Remote controls with feedback

C&a

innovations

Teleradio has introduced an entirely new line of radio remote controls under the Lynx name (Teleradio names all its controllers after big cats). Lynx controllers have been developed for applications where there is a requirement for feedback from the equipment.



The basic Lynx transmitter

Both the transmitter (hand unit) and the receiver (vehicle mounted unit) uses a duplex, 'two way communication' technique with visible feedback on a transmitter mounted LED display or light.

Lynx operates on the widely accepted 2.4 GHz band which ensures a powerful

and precise radio transmission. It is equipped with bipolar transistors which result in great flexibility and communicates via serial standards (RS232, RS485, modbus) with a PC or PLC.

The transmitter has 16 selectable channels and each transmitter has its own unique identity with a total of 4 billion variations. Another feature built into the transmitter is a low battery level warning.

All transmitters are equipped with five LEDs, four of which are programmable by the user.

The system's receiver has two open collector outputs and it operates on 5-24 volt DC.

The power consumption for 5-12 volt is 30 mA and 16 mA for the 24 volt version.



The Lynx receiver

LED display pressure switches

Tecsis has introduced a new range of pressure switches which incorporate a built-in LED display that provides a continuous pressure readout. The switches - the SC400, SC410 and SC420 - are ideally suited for all applications, where the pressure has to be monitored regularly.

Typical examples include hydraulic and vacuum systems for lifting and material handling applications, and monitoring of clamping pressures. They are available either with two switching outputs (SC400); with one switching and one analogue output (SC410); or with two switching outputs and one analogue output (SC420).

The integrated LED display not only provides a continuous pressure indication but also allows for easy set up together with the programming buttons. All parameters, such as the switching points, the switching mode (NO, NC) and the analogue output, can be set up very easily. An integrated



The new Tecsis SC400 pressure switch.

password protection ensures that only authorised personnel can change the switching points.

The pressure switches offer a wide range of flexibility for mounting, since both display and process connections can be turned by 330 degrees. The stainless steel housing fulfils industrial protection class IP65 enabling it to be used in applications with harsh environments.

Rapid voice and data connection for remote offices



The compact unit that can be fitted to the wall of a remote site office

An innovative new telecommunications product called OfficeRoute, promises companies with remote sites, a quick and inexpensive way to communicate through high speed, voice and data communications. The system is available through Neowave which claims that OfficeRoute can be installed in a new remote location within a couple of hours, avoiding the wait for the installation of fixed lines and the need to commit to long contracts - common complaints throughout the construction and utilities industries.

The system includes fast email and internet access at speeds up to 7.2 Mb, mobile phone connection, telephones, fax, voicemail and desktops with server

access and conversion of emails from desktop to SMS text messages.

The services are provided via a smart compact router that connects the remote office to the head office's local area network (LAN). OfficeRoute's security is assured through being a Virtual Private Network with built-in firewall.

Neowave's managing director, Justin Blaine said: "We are excited about the potential for OfficeRoute. The 'one-box, no-wires' product solution, with complete portability throughout the site and elsewhere, clearly fulfils a need and offers compelling advantages over traditional fixed line services. The product and technology are well proven and use established and trusted 3G protocols. What's more, our customers can rent the equipment for as long as they need it without committing to long-term contracts."



Neowave's OfficeRoute provides a telephone, fax and internet connection for temporary offices

enquiries →

To contact any of these companies simply visit the 'Industry Links' section of www.vertikal.net, where you will find direct links to the companies' web sites for up to five weeks after publication.

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