

AUTOMATION



TORQUE SENSOR RENTAL

Equipment rentals are increasingly helping companies overcome the hurdle of finding investment capital to fund development and verification projects.

Sensor Technology provides a rental option for its TorqSense range of torque sensors. Potential users can choose to rent the equipment, rather than purchase it, thus avoiding the

need to raise capital purchase approval.

If companies decide that they want to hold onto their TorqSense for longer than they had anticipated, Sensor Technology is happy to convert the rental to a sale, with a percentage of the hire fee already paid offset against the purchase price.

Tel: 01869 238400

NON-CONTACT MEASUREMENT



Capable of measuring turned parts up to one metre long by 120mm diameter and weighing up to 30kg, the MarScope available from Mahr UK is designed to operate both in the laboratory and on the shopfloor. It

features a telecentric precision optical system with a high-resolution camera that enables measurements of various characteristics to be made quickly and without contact.

These characteristics include lengths, intersections, run-out, roundness, part axis, pitch, diameters, radius, co-axiality, concentricity, taper length, radius centre and widths of recesses or chamfers. A zoom function allows the measurement of small details such as bevels or small recesses, which are often difficult, if not impossible, to measure with traditional tactile systems.

Operation is via a measuring sequence controlled through an easy-to-use graphical interface.

Tel: 01908 563700

SWISSLOG SECURES MAJOR ORDER

German specialist in accessories for multimedia, photo, consumer electronics and telecommunications, Hama has commissioned Swisslog to design and implement a new logistics solution for the central logistics centre at its headquarters in Monheim.

Hama is the first German company to deploy the innovative SmartCarrier light goods technology developed by Swisslog in the Servus Intralogistics joint venture. SmartCarrier is a warehousing and transport system used in highly



dynamic buffer warehouses and for the integration of picking stations.

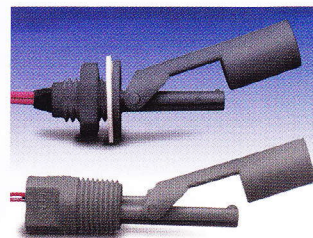
Swisslog's services as general contractor for logistics include the design, realisation and start-up of the renewed facility, including the provision of material handling equipment and controls.

Tel: 01527 551 600

HIGH TEMPERATURE SWITCHES

Expert in liquid level, pressure and flow sensors, miniature solenoid valves, and fluidic systems, Gems Sensors & Controls (Gems), has added several new versions to its LS-7 Series of robust point level switches. These compact, side mount level switches are made from Gems Versaplast engineered plastic for high temperature applications up to 300°F (148.9°C).

Versaplast enables the new LS-7 Series sensors to provide an affordable solution for handling high temperature applications and corrosive fluids. The durable Versaplast LS-7 level switches are CE, UL and CUL approved, are suitable for use within methylene chloride



and anti-freeze tanks, and are well suited for low coolant, low hydraulic monitoring within off-highway vehicle and transport applications.

Additional specifications include pressure capability to 100 psi (6.8 bar), and a float arc of just 1.25in, which is beneficial in confined spaces.

Tel: 01256 320244

STAINLESS STEEL SENSITIVITY



S+S Inspection has introduced the new GHF metal detector with three frequency detection, including 600kHz, for enhanced stainless steel detection. Designed primarily for the food industry, the new detector head is heavier and larger for maximum stability and durability.

The standard housing provides IP 65 protection for food industry operating conditions. Where required, IP 66, IP 69K options are available.

The smooth, surface finish with the proven GENIUS+ "Touch" control system integrated and sealed into the head is said to meet the most demanding requirements of the food industry for hygiene and cleaning.

The GHF metal detector can be mounted on a wide range of product handling systems including conveyors and inclined slides to detect all magnetic and nonmagnetic metals, (ferrous, non-ferrous and stainless steel) regardless of where the contaminant is within the product.

Tel: 01489 553740

TURBINE FUNCTIONALITY AUTOMATION

The Metso DNA automation system has now been strengthened to include new control applications for steam and gas turbines, pulverised coal-fired combustion optimisation, and overall machine condition monitoring. The DNA system is also reported to be pioneering usability applications in process control work.

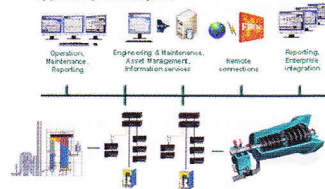
"The integration of applications for turbine control, protection and management into the Metso DNA automation system provides customers with an easy and cost-efficient method to get all turbine functionality in one common system," said Edward Coll, regional vice president for Metso Automation

Energy and Process Systems.

Functions included for turbine control are auto turbine startup, full arc to partial arc transition, MW control, and several protection features, including over-speed and power load imbalance.

Tel: 0870 606 1478

Typical system layout



metso



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