



Sensorex SAM-1 Smart Aqua Meter

Android App Now Available

Sensorex's SAM-1™ Smart Aqua Meter is now globally compatible with Android devices. Already popular with Apple iPhone and iPad users for laboratory and field monitoring, the SAM-1 measures and records pH, ORP, Conductivity and temperature values. With the release of the Android app, Android smartphone and tablet users (Android version 4.0 and newer) can now use this powerful, portable water quality meter for accurate analytical measurements in environmental, educational, and industrial applications.

The SAM-1 Smart Aqua Meter transforms smartphones or tablets into convenient and powerful pH, ORP, or Conductivity/TDS meters with integral temperature measurement. It plugs into the headphone jack of virtually any smartphone or tablet, and easily connects to Sensorex smart analytical sensors.

Sensorex
► +1 714 895 4844
► www.sensorex.com

enter 811

Website's hydraulic seal selector cuts customer search time

A new seal-selector program on the James Walker website will help you find, swiftly and simply, the Chevron®/Shallex® and Lofilm® standard size multi-lip products that match the dimensions of your hydraulic equipment.

A link to the Selector for hydraulic seals appears as a green-printed panel on every Chevron and Lofilm product page (click to view Chevron and Lofilm web pages now).

By clicking Get started, you are connected to the program home page (click to view it now).

This selector is intuitive to use. The first instruction is to select either mm or inches. You are then asked to insert the Rod/Shaft or Cylinder/Bore diameter, which creates a list of all matching Chevron and Lofilm standard products together with Application suitability and Part Numbers for Endless or Split types. At this stage, you can fine-tune your search by inserting the appropriate Axial Length.

Explains Andy Parkinson, Product Manager for Hydraulic Sealing Products: "If this search does not identify a suitable hydraulic seal, you should contact James Walker immediately using the link on the Results page."

"We hold hundreds of mould tools for non-standard sizes of our Chevron and Lofilm products, and the size you want could be among them. We could also recommend a suitable product from one of our other ranges of hydraulic seals."

James Walker UK Ltd
► 01270 536000
► www.jameswalker.biz

enter 812

Find the Right Size

Discover if one of our standard size seals will match your application.

GET STARTED

James Walker Selector

New safety interlock range resists shock and vibration

enter 813



Industrial safety specialist SERV Trayvou Interverrouillage (STI) has developed a new trapped-key interlock that is highly resistant to external impacts and vibration. Rated IK08 and IP40, the Hercule range is mainly used in the energy sector for applications including switchgear, substations and wind turbines. The product range is compact and offers more than 1.7m key code combinations.

The Hercule's bolt lock and door lock can withstand a minimum of 60daN, and the whole range complies with IEC 60068-2-6. Hercule is constructed from black anodised aluminium, aeronautical composite (65% glass fibre), brass, and 303 and 304 stainless steel. Two types of cylinder are available: an all-aluminium version or a mixed aluminium stator / composite rotor option.

SERV Trayvou Interverrouillage S.A.S. ► +33 (0)1 48 48 15 15 ► www.servtrayvou.com

"On Your Desk in Five Days"

PCB Piezotronics, a world leader in vibration, acoustic, pressure, force and torque sensors, offers its most popular products "On Your Desk in Five Days".

PCB Piezotronics Ltd, said: "The company prides itself on being able to deliver products quickly in the UK and Ireland and we believe this to be our customers' number one priority so we are ensuring that the widest possible range of products can be delivered from stock and on the customer's desk within five days."

Products available "On Your Desk in Five Days" include single, triaxial, MEMS and industrial accelerometers, Microphones, ICP® dynamic force and pressure sensors, signal conditioners and cables.



PCB Piezotronics Ltd ► 01462 429710 ► www.pcbpiezotronics.co.uk

enter 814



Chemical engineers talk sense about mixer efficiencies

Manchester University's School of Chemical Engineering is leading energy efficiency developments in the process industries by incorporating TorqSense transducers into a test rig for analysing losses in in-line mixers. The energy consumption involved in in-tank mixing is well understood, but with in-line rotor-stator mixers the flow is often controlled independently of the rotor speed and collecting sufficient data to accurately model the process requires a large number of experiments. Now researcher Dr Mike Cooke has developed a method for obtaining the necessary information using torque measurement.

Manchester University is a major user of TorqSense, having many installed on permanent teaching aids and various research rigs. "The students like the readout displays, which look no more complicated than a car's dashboard," says Dr Cooke. "For us researchers, the ease with which they can be mounted and removed is a God-send in experiments where you are constantly reconfiguring the rig."

Sensor Technology Ltd
► 01295 730746
► www.sensors.co.uk

enter 815