



Modular cable entry

Conta-Clip is expanding its cable entry portfolio, launching the KDS-R system for M20 to M63 round openings suited to cables with and without plugs.

This cable management system comprises: the actual cable entry frame with integrated gasket; two-piece thread and locking adapter, plus two-piece locknut to fix it in place; and sealing elements with a range of inlays.

Assembly is tool-less, quick, and

easy. Cables with and without plugs are simply fed through the enclosure opening and cable entry frame. Slit, tapered, finned sealing elements are fitted around individual cables on the inside. Cables with sealing elements are then pushed back to fit tight in the cable entry frame. I-, T-, and +-shaped inlays are available for M40 and larger openings, allowing for insertion of a variety of cable sealing elements as required.

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Sounders and sounder beacons

Eaton's new sounders and sounder beacons for the industrial process and control market mitigate the risk of downtime from EMC discharge and overloaded loops on low voltage systems.

Designed to IP69K, the X10 range can withstand a jet wash of 5 bar at 80°C.

Encased in a fade-resistant polycarbonate and ASA housing, X10 operates in temperatures from -40°C through to the extremes of 70°C heat and 100% humidity. It has a 10-year warranty.

As a modular system, X10 helps keep inventory low, with beacon swap out taking less than 30s.

Offering 144 different combinations, X10 is said to provide the largest range of voltage, sound output, flash or tone combinations currently available. It can be used for new installations, or configured to mimic an existing set up.

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Connection matters

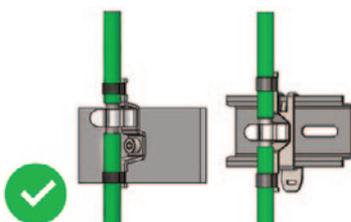
icotek outlines points to consider when making the connection between cable shield and equipotential bonding bar in PROFINET applications.

PROFINET installation guidelines point out that PROFINET must be fixed / strain-relieved cables above and below the shield connection. The cable shield must not be used for strain relief. It is likely that the shield will be damaged under tensile load. The cable jacket (outer sheath) is suitable for strain relief.

When establishing the shield

connection, remove the PROFINET cable jacket only for the required connection surface. The PROFINET cable is susceptible to mechanical damage in the area where the jacket has been removed. Be careful not to damage the shield when stripping off the PROFINET cable jacket. More at ipesearch.com

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SOLAS compliance

Sensor Technology offers a simple, retrofittable solution to aid SOLAS compliance.

Under the SOLAS legislation, verification of a packed container's weight is a condition for vessel loading. Two methods of verification are acceptable: weighing the loaded container or weighing the cargo and then adding the tare weight of the container.

Tony Ingham, Sensor Technology's MD, comments: "Sensor Technology's LoadSense technology provides a simple, cost-effective solution that meets the requirements of the legislation and provides additional functions of benefit to shipping operators."

Easily incorporated within the crane hook, LoadSense allows



weighing processes to be fully integrated with handling operations. Data captured in real time can be transferred to a database, stored, totalised and analysed. An on-board single chip computer records, analyses and archives readings, while wireless communication capability can transfer data in real time to a host computer.

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Sealing materials



Available from **Dichtomatik**, authorised UK distributor of food and beverage related products made by Freudenberg Sealing Technologies, are two sealing materials with high purity levels suitable for food industry

applications, as well as those in the pharmaceutical sector

These advanced silicone elastomers - 70 VMQ 117055 and 60 VMQ 117117 - have recently achieved compliance with two important food industry regulations in China, adding to a host of existing certifications applicable in the EU and US.

Materials are highly suitable for use in food plants, particularly if the application has extreme thermal requirements (-50 to +200°C) and cleaning processes that do not rely on steam sterilisation.

An example for 70 VMQ 117055 is dairy operations, which frequently use the material to manufacture O-rings as the high fat content of the process media must be taken into consideration.

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AUMA UK launches new website

AUMA Actuators, the UK operation of AUMA Reister, manufacturer of electric valve actuators, has launched a new website (www.auma.co.uk), to showcase its work and to act as a secure resource portal for accredited technicians, channel partners and framework users

AUMA's UK training programme, AUMA Certified Engineering (ACE), trains and accredits technicians in a variety of industries, most notably water and wastewater, and auma.co.uk is an extension and development of that provision.

For non-registered users, auma.co.uk provides insights into the British and Irish operation of AUMA,

introduces the team and answers a variety of questions. There are videos and articles covering aspects of the product range and operation, an introduction to and opportunity to apply for ACE training and a search function so site owners can identify ACE resources close to them.

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