AMS Instrumentation & Calibration Pty Ltd

AMS will be the trusted partner by providing Unique Expertise in offering Engineering and Product selection Advice for Instrumentation and Calibration Solutions.

| Dear #name# #surname# | November 2017, Volume 16, Issue 11 |

Introducing the Beamex MC6-Ex

The MC6-Ex is an intrinsically safe field calibrator and communicator.

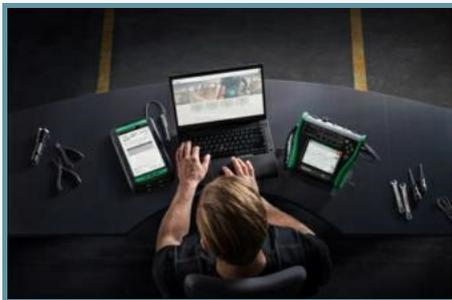**It is ATEX and IECEx certified and can be used in all hazardous zones / divisions.**

The MC6-Ex includes a field communicator for HART, FOUNDATION Fieldbus and Profibus protocols.

If you use a non-Ex calibrator, you need to spend time and effort on hot work permits. Using an intrinsically safe calibrator in hazardous areas is the easiest and safest choice. We made the MC6-Ex ATEX and IECEx certified for every Ex zone, so you can take it to Zone 0, Zone 1 and Zone 2 (Division 1 / Division 2). **The MC6-Ex is the safest choice for all your hazardous areas.**

More info.

The safest choice

The robust IP65-rated dust- and water-proof casing, ergonomic design and ease-of-use make it an ideal measurement device for field use. The smart battery pack is field replaceable NiMH and it can be charged either inside or outside the calibrator. The MC6-Ex is one device with five different operational modes, which means that it is fast and easy to use, and you can carry less equipment in the field. The operation modes are: meter, calibrator, documenting calibrator, data logger and fieldbus communicator. In addition, the MC6-Ex communicates with Beamex CMX calibration management software, enabling fully automated and paperless calibration and documentation. The MC6-Ex can also be part of the paperless integration to the customer's own ERP system.

Beamex LOGiCAL Calibration Software

Document your calibrations anywhere, anytime Beamex LOGiCAL is an advanced, free of charge, cloud-based calibration certificate generation software. It offers you an affordable and easy way to document your calibration results. LOGiCAL reads the calibration results from selected Beamex documenting calibrators and presents the results on an electronic calibration certificate in PDF format.

More info.

LOGiCAL – calibrations made logical.

Why use a cloud-based software? Using a cloud-based software like LOGiCAL is extremely cost-effective. You won't need to make any significant investments because it is free of charge to begin using. Since the software is cloud-based, your IT department does not need to be involved. The cloud-based software provides easy access anywhere you have an internet connection. You won't need to worry about version updates because the application automatically updates.

G1010 - Galvanic Oxygen Gas Analyser (Panel Mount) from Eaton

The G1010 oxygen gas detector and analyser uses a galvanic oxygen cell to measure oxygen over an exceptional dynamic range of 100% to 0.1ppm (parts per million) in a variety of gases. The instruments are microprocessor-controlled and provide exceptional performance and versatility. A large multi-digit, auto-ranging LCD shows the concentration and user-adjustable parameters. Two alarm channels, user-programmable to be high, low or off, each provide one set of volt-free changeover contacts, and can be set to any concentration within the span of the instrument. A user programmable analogue output of 0 to 5v or 4 to 20mA is available at the time of ordering. Several versions of sensor are available, enabling the analyser to operate at optimum performance in a diverse range of applications. These include a sensor suitable for operating in the presence of high concentrations of mildly acidic gases such as carbon dioxide and hydrogen sulphide. Remote sensor versions are available that allow the separation of the control/ display module and sensor by up to several hundred metres. Depending on the distance and concentration being measured, the sensor is either connected directly to the display module or via an integral two wire transmitter. Because the sensor conforms to the 'simple apparatus' category as defined by European standard EN 50020, remote sensors may be located in a hazardous area. A suitable zener barrier or galvanic isolator must be inserted between the sensor assembly and the control/display module.

Click here

Katronic Clamp-on flowmeters for HVAC processes

KATflow ultrasonic flowmeters can help to make savings in water and energy. Legislative and economic driving forces as well as advances in technology are changing the way in which large buildings and facilities are operated, managed and maintained. Rising prices for the supply of water and energy and newly introduced environmental regulations have increased the need for greater building efficiency. This has led to stronger efforts to cut energy consumption and in turn reduce carbon emissions. Our range of flowmeters can have a major impact on water and energy savings, through monitoring flow rates and thermal energy consumption on a variety of different systems with a high level of accuracy. The Katronic flowmeters offer a series of advantages to our customers in the building services sector.

Many of the main hot and chilled water pipes used in large facilities are both very large and in inaccessible locations. With a clamp-on meter, there is no need to make costly pipe modifications, and installation cost is minimal, as no special tools, equipment or people are required to complete the commissioning.

The clamp-on flowmeters can be installed without needing to stop the process, making them ideal for situations where utilities are in constant demand such as hospitals and airports.

KATflow 100

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KATflow 150

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KATflow 230

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IECEx and ATEX certification for our HM35 series Digital Handheld Pressure Gauges...

The most impressive feature of the HM35 and HM35 EX manometer is the versatile range of applications. It allows measurements in the area of relative, differential or absolute pressure. The pressure measurements can be executed in either ovepressure or vacuum ranges.
+ Pressure ranges from -1 up to 250 bar available
+ Symmetrical measuring ranges available
+ Accuracy classes in 0.2% / 0.1% / 0.05% F.S. selectable
+ Media-compatible devices available
The EX-version meet the requirements for opearting in T3 (rechargeable batteries) and T4 (conventional batteries) temperature ranges.

More info.

AMS News

Welcome to the AMS November newsletter. This month has seen the release of two new products from Beamex - The MC6-Ex and Logical. This is on top of the POC8 released last month, so it has been a busy period for both Beamex and AMS. many customers have been waiting for the release, so we look forward to a succesful period with Beamex. Several of our other suppliers are also looking at releasing new products in the furture and we will keep you all informed. Our project division is also very busy with some project applications that are totally new and untried, but AMS will have the solutionsand our suppliers are very keen to work with AMS on these out of the way applications.

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