

## QCM moisture analyser for catalytic reforming processes – longer maintenance intervals despite an aggressive application

Michell Instruments' QMA601 process moisture analyser has been updated with a novel option that makes it suitable for continuous catalyst regeneration (CCR) reforming processes. Its fast response and stable measurements provide operators with reliable moisture control over longer periods without the need for frequent maintenance. In CCR reforming, a moisture analyser is a necessary part of the process to ensure that the desired moisture levels remain constant, however, the presence of hydrochloric acid soon compromises sensors, increasing the maintenance cost for the operator. To prevent the operators from frequent and expensive maintenance Michell engineers developed an updated version of the QMA601 which further extends life of the QCM moisture sensor making the moisture analyser even more cost efficient in the CCR application. There is also a new sample system option which includes a valve isolating the sample to the sensor whilst allowing a filter drain/by-pass flow to continue to purge through the sample line. QCM is a well-established technology, often specified for gas and petrochemical processing applications. Michell's QMA601 process moisture analyser uses the latest generation of this technology, which gives it a lower detection limit of 0.1ppmV and an upper range of 2000ppmV. The process moisture instruments manufactured by Michell Instruments are easy to install, use and maintain. The QMA601 analyser features a full-colour touch-screen interface which allows interrogation and operation in situ, with no need for a hot-works permit. All data logging and readings are easily visible, and the main display also incorporates real-time trend graphing and alarm indicators.



[Further details](#)







### Limited Time Discount Offer On Michell Process Analysers

AMS is offering its customers a 10% offer on the Michell range of process analysers as per attached link

Valid for order placement from August 1 till August 30. Available to customers within our sales territory. Please use code: **Michell AMS** to claim the discount.

<http://www.michell.com/us/category/process-analysers.htm>



### NOSHOK 800 Series Electronic Indicating Pressure Transmitter/Switch

- Compound and standard switch adjustment ranges through 0 psig to 10,000 psig
- Stainless steel wetted parts
- Current and voltage outputs available
- 3 switching output options available:
  - 2 switching outputs
  - 1 switching output and 1 analogue output (4 mA to 20 mA or 0 Vdc to 10 Vdc)
  - 2 switching outputs and 1 analogue output (4 mA to 20 mA)
- CE compliant to suppress RFI, EMI and ESD

The pressure transmitter/switches from Noshok have been designed and manufactured using state-of-the-art technology. All components are subject to stringent quality and environmental criteria during production. The Noshok quality management systems is certified to ISO 9001:2015 to ensure compliance.

[More Information](#)



### Hawker Electronics MiniSonda Ultrasonic Transmitter

- Range 0.4 to 8 metres
- Fast response to changing liquid levels
- Compact ultrasonic transmitter
- IP66
- Loop powered
- Maintenance free
- Simulation to help calibrate externally connected equipment

The MiniSonda provides accurate, reliable level measurement for liquids and slurries, it is a loop powered, ultrasonic transmitter which operates from a 20-38V D.C. voltage, thus enabling the 4-20mA signal produced to transmit over relatively long distances. If 4 control relays, digital indication and a power supply are required use flexilevel2 as a unit to add on. If only 2 relays and a power supply are required use type 900 dual trip amp, or the PS2 power supply with cable monitoring and lost echo.

[More information](#)

## AMS News



AMS held a very successful sales meeting during the middle of July discussing a variety of issues and several training sessions, particularly concentrating on our analytical product lines, although other product lines were not forgotten either. The reaction from everybody was that it was a successful meeting and they took away a lot of new knowledge. With the financial year ending AMS had a very successful year. Sales have increased, new products launched and new and additional personnel employed. AMS is growing and at the moment we are looking at employing an apprentice for our growing service department. In particular the new flow lab is keeping our staff busy. Currently I am on a trip around Australia visiting some of the amazing sites that this country of ours offers, thus my newsletters over the next few months will probably be a bit shorter than normal, but I will make every effort to keep our customers up to date with information.

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