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PRESS RELEASE

New globally certified explosion proof dew-point transmitter provides universal solution

Michell Instruments has announced the launch of the latest addition to its Easidew range of dew-point transmitters: the Easidew PRO XP. This is the first explosion-proof transmitter in the range and has been introduced to meet the requirements of markets where explosion-proof or flame-proof rather than intrinsically-safe certification is needed.

The transmitter is housed in a tough, explosion-proof casing, which is rated to IP66/NEMA 4. The instrument is certified for ATEX, CSA and IECEx – making it acceptable in hazardous areas world-wide. As with its sister product, the Easidew PRO I.S., the [Easidew PRO XP](#) is capable of measuring moisture in both gases and liquids. This versatility makes it an ideal option for systems integrators as they only need to stock one dew-point transmitter for all moisture measurement applications in hazardous areas.

Typical applications for the Easidew PRO XP include natural gas processing and transmission, biomethane production, hydrocarbon refinery processing, polymer production and CNG.

The Easidew PRO XP uses the latest ceramic moisture sensing technology from Michell, and is capable of measuring dew points in gases from -110°C to +20°C and 0-3000 ppm_v. In liquids the measurement range is from 0-3000 ppm_w. With a 450 bar (6527 psi) pressure rating, EN10204 3.1 material certified parts and NPL/NIST 13-point calibration certificate, it meets all the current demand of the process industry.

Sample conditioning is vital to ensuring reliable and accurate measurements. Michell's sampling systems are designed to work with the Easidew range of transmitters, ensuring the sample gas is at a consistent temperature and pressure as well as filtering out contaminants to prolong the life of the sensor. A range of standard options are available, as well as customised systems to meet particular process requirements.

The Easidew PRO XP is part of [Michell's service exchange programme](#), which ensures that your process is never offline.

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About Michell Instruments

[Michell Instruments Group is a worldwide leader in the field of moisture and humidity measurement solutions.](#) With four decades experience, Michell designs and manufactures a wide range of sensors, instruments and customized systems capable of measuring dew-point, humidity and oxygen in applications and industries as diverse as compressed air, power generation, petrochemical, oil and gas, food processing and pharmaceutical. Michell's innovative products make processes cheaper, cleaner, more energy efficient and safe.

The Group has multiple manufacturing locations across Europe with their international headquarters located in Ely, UK and a North America sales and service headquarters located in Rowley (MA). It has its own facilities in 10 countries with an extensive network of factory trained application and service engineers, subsidiaries and distributors stretching across 56 countries.

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