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NEW PRODUCTS FROM DYNAMANT

Dual Gas Sensors

Simultaneously provides digital gas readings in the ranges 0-10% vol. methane, 0-100% vol. methane, 0-2% vol. propane and 0-5% vol. CO₂ EN50271 compliant, SIL1 rated. A version with 0-100% CO₂ will also be produced.

CSA Compliant Sensors

These sensors are designed for accurate operation from -40°C to +75°C. Their performance over this temperature range, along with their t50 and t90 response times, will enable users to achieve Certification to CSA standard 22.2 No. 152

EN 50271 Compliant Sensors

It is a requirement of EN 60079-29-1 for gas detector performance that the software employed must comply with EN 50271. Dynamant will therefore be offering the full range of Premier sensors with EN 50271 certification. In addition, these sensors have a SIL1 rating.

Explosion Proof, Exd Certified Sensor Housings

Reusable stainless steel housings for infrared sensors, catalytic beads or electrochemical sensors. ATEX and IECEx Certified II 2 G Ex d IIC T4 Gb. M20, ½" NPT and ¾" NPT mounting threads available. Optional weather guard and calibration adaptor.

Extended Low Temperature Range Sensors

A range of sensors suitable for operation from -40°C to +50°C. The performance of every sensor is verified over the full operating temperature range.

Coming Soon - Mid-range CO₂ Sensors

These sensors are designed for accurate operation when measuring 5% CO₂, but capable of operating up to 20% CO₂. Applications include CO₂ control in cell growth incubators.

Coming soon - Dual-calibration Hydrocarbon Sensors

These sensors combine two sets of linearisation, temperature compensation and calibration data. The user can simultaneously read methane and propane values using the digital interface, or pre-select the gas type during configuration. With propane selected cross reference can be made to a large range other hydrocarbons via a menu-structure.

Coming Soon - Dual-scale Sensors

These auto-scaling sensors combine two linearisation curves:
Choose the low range for optimum accuracy in the normal operating area, choose the high range to cover the highest expected gas level. A wide range of scale choices is available.