Press release

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New sensors for fixed gas measurement

Blyth – Dräger presents two new sensors for fixed gas monitoring; the HCN LC (hydrogen cyanide) and the NH3 TL (ammonia). Both sensors are compatible with all Polytron 7000 and Polytron 8000 transmitters.

Both sensors are intended for use in workplace monitoring, accident prevention and leakage detection under normal environmental conditions.

For example, the extremely sensitive hydrogen cyanide sensor is used in mining, galvanizing, gold processing or plastics chemistry and manufacturing. It measures a range of 0 to 50 ppm (parts per million); the lower detection limit is 0.1 ppm. This makes it ten times as sensitive as its predecessor and means that it can detect imminent danger more quickly.

The ammonia sensor measures a range of 0 to 300 ppm; the lower detection limit is 1 ppm. It is also extremely robust. Continuous exposure with 20 ppm over a period of up to five days has no adverse effect on the sensor. The cross-sensitivities with other gases have also been significantly reduced. This improves the safety of many applications, such as for monitoring refrigeration facilities, sewage plants or in fertilizer production.

The Dräger sensors HCN LC 6813200 and NH3 TL 6813095 are produced by Dräger Safety AG & Co. KGaA, Lübeck.

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