



**Automatikprodukter**

## PRESS RELEASE

Detector for hydrogen sulphide protects people and plants from toxic emissions.

The new gas detector H<sub>2</sub>S from Automatikprodukter, Sweden is designed to protect people, equipment and plants from risks associated with hydrogen sulphide (H<sub>2</sub>S) and Modbus communications protocol to facilitate fieldbus communication.

Hydrogen sulphide is a toxic gas whose odour is usually described as similar to the odour from rotten eggs.

At high concentrations, there occurs a paralysis of the sense of smell.

It is therefore not possible to use smell to determine if an area is dangerous due to the presence of hydrogen sulphide.

Modbus is a proven communications protocol for the instrumentation that provides digital communication without disturbing the integrity of the analog output signal 0-10Vdc or 4-20mA.

Modbus allows multiple variables, parameters, device configuration and diagnostics to be transferred digitally simultaneously with the analog signal.

H<sub>2</sub>S gas detector is delivered in explosion-proof design, is ATEX-compliant and has CE marking.

Gas concentration is displayed on an LED display.

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Gas detectors come standard with two analog outputs, and as an option for two additional relay outputs.

H<sub>2</sub>S is equipped with electro-chemical elements, which are highly selective and unaffected by ammonia, alcohols and other gases that are common in these plant environments.

The detector monitors H<sub>2</sub>S gas in parts per million (ppm) and provides status indication and is equipped with alarm outputs.

The sensor is available in 0-50ppm, 0-100ppm or 0-200ppm to support a wide range of applications.

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