

# Dräger Polytron L Fixed gas detector



ST-751054-2006

Dräger Polytron L is a gas detector for continuous monitoring of either Chlorine (Cl<sub>2</sub>) or hydrogen fluoride (HF) and hydrogen chloride (HCl) in ambient air. The transmitter is a rugged leak detector for harsh industrial environments. It contains a durable electrochemical sensor with fast response. Dräger Polytron L uses a two-wire power loop to transmit an industry standard 4 to 20 mA signal that is proportional to the actual gas concentration.



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### Field proven sensor technology

With its durable electrochemical DrägerSensor, the transmitter achieves a fast response. The DrägerSensor technology is field proven since decades even in harsh environments. The long life-time can even be extended with a simple electrolyte refill.

### Industry standard interfacing

The transmitter converts the DrägerSensor signal into an industry standard 4 to 20 mA signal proportional to the gas concentration. The output signal transmits via the two-wire power loop. Combined with a suitable 4 to 20 mA controller, the Dräger Polytron L transmitter satisfies the customers' requirements for maximum safety and system availability.

### Explosion protection

The Dräger Polytron L is approved according to the ATEX directive. This allows that the intrinsically safe transmitter may be used in potentially explosive gas atmospheres (Zone 1 and 2). The approval covers even Explosion Group IIC for hydrogen and acetylene.

