

# PDM - Outstanding Single Gas Detector FOR O<sub>2</sub>, CO OR H<sub>2</sub>S

The PDM is a full-featured single-gas detector that offers you unequalled value. The PDM single-gas detector is your daily monitor for hazardous environments, because of its high reliability and user-friendliness. PDM is the most cost-effective way to ensure safety. It operates up to two years maintenance-free, just turn on the device and it runs continuously — no need for battery charging and replacements of sensors and batteries. That means great reliability and no downtime.

The PDM is easy to wear, the backside of the device has a strong metal clip to secure the monitor to a shirt, belt or helmet. The PDM devices are compatible with WatchGas Docking Station and WatchGas IR Link. Both devices provide the function to download the data of the PDM single-gas monitor. The 30 most recent events can be stored on a data carrier.

PDM can be calibrated or bump tested manually. The Docking Station will automatically calibrate four devices simultaneously (up to 12 devices per minute), which reduces downtime and gas consumption.

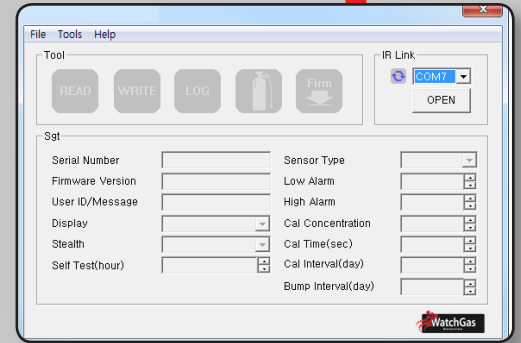
## HIGHLIGHTS

- Device is sustainable through replacing sensor and battery which extends its lifetime by 2 years.
- Hibernation mode (CO & H<sub>2</sub>S)
- Lightweighted & Compact
- Stores up to 30 events
- Maintenance Free
- 2 years of use
- IP-67
- Fast bump tests with Docking Station
- Visual, Acoustic and Vibration alarms



Single Gas Detector	Article number	Lifetime
O <sub>2</sub>	7181411	2 years
CO	7181412	2 years
H <sub>2</sub> S	7181413	2 years

# PDM - Outstanding Single Gas Detector FOR O2, CO OR H2S



## SPECIFICATIONS

Detectable Gas Ranges	O2 = 0-30%Vol   CO = 0-500ppm   H2S = 0-100ppm
Resolution	O2 = 0.1%Vol   CO = 1ppm   H2S = 0.1ppm
Output Specifications	LCD display of current reading with alarm sounder and vibrator
Sensor Technology	Electrochemical Cell
Power Supply	DC 3.6V, 1.2Ah Lithium battery
Operating Life	24 months, based on 2 minutes of alarm per day
Operating Temperature	-30°C ~ 50°C
Operating Humidity	5% ~ 95% RH (Non-condensing)
Dimensions	49mm(W) x 84mm(H) x 40mm(D)
Weight	93g (Toxic), 104g (O2) (Battery, clip included)
Enclosure Material	Polycarbonate and rubber
IP Rating of Enclosure	IP67
Certificates & Approval	ATEX: II 1g Ex ia IIC T4 CSA: C1, D1, Groups A, B, C, D, T4 IECEX: Ex ia IIC T4 Ga

