# PDM - Outstanding Single Gas Detector
## FOR O2, CO, H2S, SO2, NH3 or H2

The PDM is a full-featured single-gas detector that offers you unequaled 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

- 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 |
|---|---|---|
| O2 | 7181411 | 2 years |
| CO | 7181412 | 2 years |
| H2S | 7181413 | 2 years |
| SO2 | 7181414 | 2 years |
| NH3 | 7181415 | 2 years |
| H2 | 7181416 | 2 years |

WatchGas Detection

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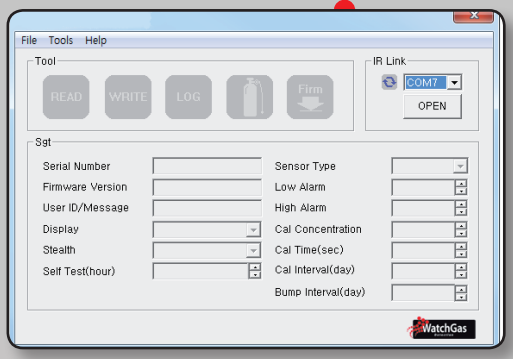

| SPECIFICATIONS | | | |
|---|---|---|---|
| Detectable Gas Ranges | O2 = 0-30%Vol<br>SO2 = 0-200ppm | \| CO = 0-500ppm<br>\| NH3 = 0-100ppm | \| H2S = 0-100ppm<br>\| H2 = 0-1000ppm |
| Resolution | O2 = 0.1%Vol<br>SO2 = 0,1ppm | \| CO = 1ppm<br>\| NH3 = 1ppm | \| H2S = 0.1ppm<br>\| H2 = 1ppm |
| Output 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) | | |
| Alarm | 95dB | | |
| 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 | | |

WatchGas Detection

Distributed by:

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