



PDM 2 Year

Disposable Single Gas Detector

For H₂S, CO, O₂, SO₂, NH₃ OR H₂

Type: SP-SGT...

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.



Key Features

- Light weight & Compact
- Stores up to 30 events
- Low cost of ownership
- 2 years of use
- IP-67
- Fast bump tests with Docking Station

Application Examples

- Storage
- Installation companies

DETECTOR SPECIFICATIONS

Size	54mm(W) x 91mm(H) x 32mm(D)
Weight	93g (Toxic), 104g (O ₂) (Battery, clip included)
Sensor technology	Electrochemical Cell
Temperature	-40°C ~ +50°C (Toxic) / -35°C ~ +50°C (O ₂)
Humidity	5% ~ 95% RH (Non-condensing)
Alarm type	High Alarm, Low Alarm, Over range alarm, Battery Alarm
Alarm signal	Acoustic: 95dB @ 30cm Visual: Red flashing LED's Vibration alarm
Display	LCD Display
Calibration	2-point calibration, zero and span
Event log	30 Most recent events
Battery	DC 3.6V, 1.2Ah Lithium battery
Measurement	Diffusion
Housing	Polycarbonate and rubber
IP-Rating	IP67
Safety certifications	ATEX: II 1g Ex ia IIC T4 CSA: 1, D1, Groups A, B, C, D, T4 INMETRO: Ex ia IIC T4 Ga IECEX: Ex ia IIC T4 Ga CE: Conformité Européenne EAN-13: PDM-H ₂ : 8719992974948 PDM-SO ₂ : 8719992974955 PDM-NH ₃ : 8719992974962 PDM-H ₂ S: 8719992974979
Sensor Life	24 months
Warranty	24 months

SENSOR SPECIFICATIONS

Model	Detectable Gas Ranges	Resolution	Article Number
PDM O ₂	0-30%vol	0.1%vol	7181411
PDM CO	0-500ppm	1ppm	7181412
PDM H ₂ S	0-100ppm	0.1ppm	7181413
PDM SO ₂	0-20ppm	0.1ppm	7181414
PDM NH ₃	0-100ppm	1ppm	7181415
PDM H ₂	0-1000ppm	5ppm	7181416

ORDER INFORMATION FOR ACCESORIES

Description	Article Number
WatchGas PDM IR Link	7189170
WatchGas PDM Family Mono Dock	7189172
WatchGas PDM Family Multi Dock	7189179
Calibration cap for WatchGas PDM	7177200

NOTES



PDM Family Mono Docking Station



Calibration Gases



**Check also our
Sustainable PDM+
range on the WatchGas
website!**



www.watchgas.eu
info@watchgas.nl

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