

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.



Key Features

- 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 ₂	7181411	2 years
CO	7181412	2 years
H ₂ S	7181413	2 years
SO ₂	7181414	2 years
NH ₃	7181415	2 years
H ₂	7181416	2 years

Detector specifications

Model	PDM					
Detectable gas ranges	O₂	CO	H₂S	SO₂	NH₃	H₂
	0-30%Vol	0-500ppm	0-100ppm	0-200ppm	0-100ppm	0-1000ppm
Resolution	O₂	CO	H₂S	SO₂	NH₃	H₂
	0.1%Vol	1ppm	0.1ppm	0,1ppm	1ppm	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 (O ₂) (Battery, clip included)					
Alarm	95dB					
Enclosure Material	Polycarbonate and rubber					
IP Rating of Enclosure	IP67					
Approval	ATEX:		IECEx:		EAN-13:	
	II 1g Ex ia IIC T4, CSA: C1, D1, Groups A, B, C, D, T4		Ex ia IIC T4 Ga		PDM-H ₂ : 8719992974948 PDM-SO ₂ : 8719992974955 PDM-NH ₃ : 8719992974962 PDM-H ₂ S: 8719992974979	



For more information

www.watchgas.nl
info@watchgas.nl

WatchGas

Sextantstraat 61
2908 ZZ Capelle aan den IJssel
+31 (0)85 01 87 709
The Netherlands