



SCHAUBURG

Electronic Technologies

GDI Virocap MKII – Gas Detector

- New Robust and Watertight Design
- Small, Compact and Lightweight
- Single or Dual Gas Warning Device
- High Bright LED Alarm Indication with 82db Audible Alarm
- Auto Calibration Station Eliminates Human Error
- Auto Test Station Saves Time and Gas
- Active and Passive RFID Options for Asset Control and Shaft Clearance Purposes
- Maintenance Friendly with Low Cost of Ownership
- A Component of the Mine Wide Early Warning System



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Harnessing technology for safer working environments



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Specifications

Gas Types	Flammable	Toxic
Sensors and measuring ranges	CH4 = 0-100% LEL	CO = 0-1000 ppm
Measuring principal	Catalytic Combustion	Electro-chemical
Calibration gasses	% = up to 50% full-scale	ppm = 100-500
Response time T90	Less than 15 seconds	Less than 35 seconds
Resolution	0.1%	1 ppm
Long term drift	± 0.2%	<2% Full scale / month
Min & max pressure	- 10 KPa to + 50 KPa	Ambient ± 10%
Max relative humidity	95% Non condensing	
Sample velocity	20 - 40 litres per hour	
Operating temperature	- 10 to + 40°C	
Storage temperature	0 - 20°C	
Power source	3.4 Volt \diamond 4.8 Volt 1.8 A/Hour for 12 Hour operation	
Operational time	> than 12 hours (Depends on power source)	
Dimensions	74 x 72 x 40 (mm)	
Weight	128 g	
Housing	Polycarbonate	
Warranty	* 1 (one) year on all electronic parts and workmanship * 6 (six) months on sensors fitted by OEM	
Approval	SANS IEC 60079 Part 0: 2000 SANS IEC 60079 Part 11: 1999 SANS 1515: 2002	

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