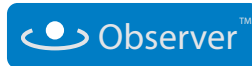


# Multi Point Gas Sampler

integrated alarm handling & decomposer

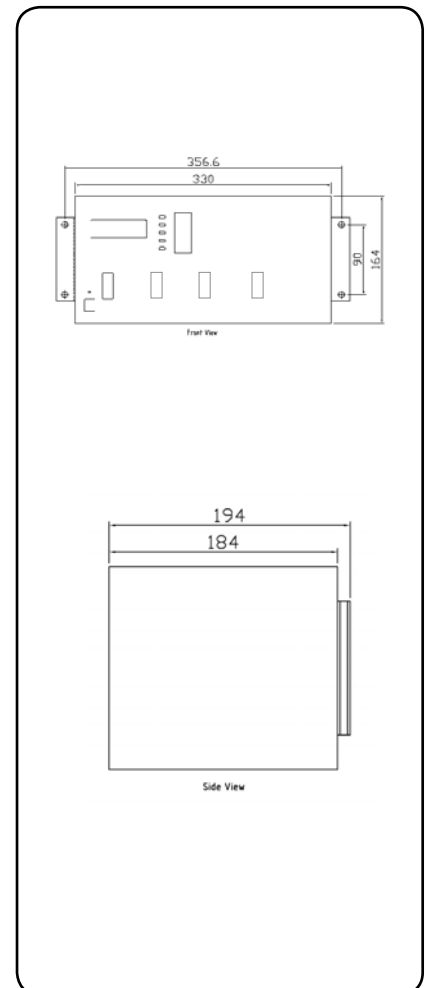
SH-4004-WAD

Suction type Detector



Please refer to the section sensor overview for the gas names and measuring ranges  
TG = Toxic Gas number

Part #	12985
Detector model	SH-4004-WAD
Gas Sensor type	GS-[ JHA / HS / ES / IR / Catalytic beat / PID
Target gas	According to the TG availability list
Monitoring configuration	Continuous of four (4) individual single points, extractive. Maximum four (4) individual sensors.
Detection Principle	E-Chem, IR, Zirconium Cat.beat, PID & CEC technique <sup>1)</sup>
Decomposer filament type	841A/ 841B (depending on TG)
Number of gas inlets / outlets	Maximum 4/2
Output signal	Customer selectable 1 or 4 x 4-20 mA, 2 wire screened
Accuracy	+/- 5% <sup>2)</sup>
Alarm levels	4. Matrix programmable output relays card optional for: Alarm1, Alarm2, Error & Warning.
Communication interfaces	RS-232; configuration and diagnostics ( RJ-45 connector). Optional plugin modules: RS-485; Profibus DP & MODBUS, RS-485; SIMS
Indicator	140 x 32 dot matrix; blue VF display
Sampling pump	4 pcs. long life DC operated diaphragm pump
Flow controls	Optical/ electronic
Operating temp.	0 - 40° C ; 32 - 104° F
Operating humidity	5 % - 95% (non condensing)
Installation	Indoor, wall-mount
Tube connectors	In & out; 1/4 " NPT Female
Power requirements	24 Volts DC
Power consumption (max.)	20 Watt
Dimensions (approx.)	(WxHxD) 164x330x184 mm
Weight (approx.)	5.0 KG



1) Combined Electrochemical Cell (CEC technique);  
an electrochemical sensor combined with a decomposer unit.  
2) Final accuracy is related to the calibration mixture.