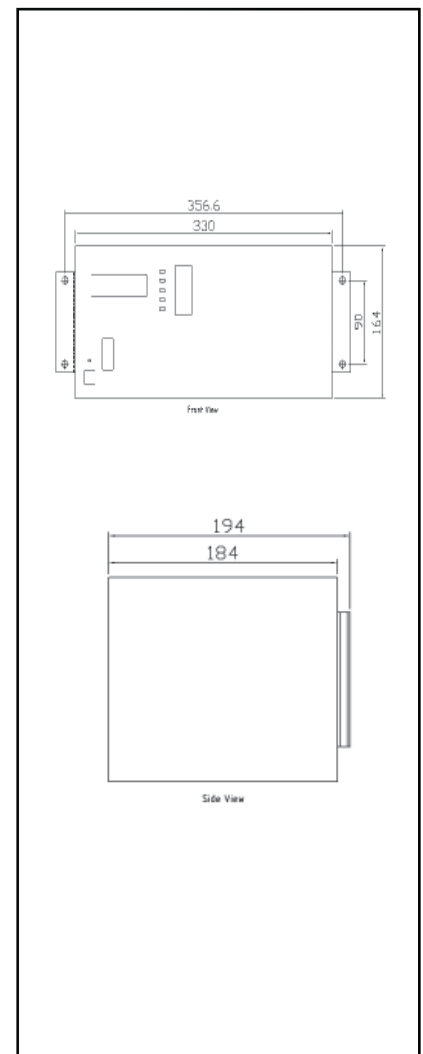


# SH-4001-WAD/NDIR

suction type gas detector for low range N2O applications



|                          |  |
|--------------------------|--|
| Part #                   | 13106  |
| Detector model           | SH-4001-WAD/NDIR   |
| Gas Sensor type          | GS-4600IR  |
| Target gas / range       | N2O / 300PPM   |
| Monitoring configuration | Single point, extractive.  |
| Detection Principle      | IR   |
| Number of gas inlets     | 1  |
| Output signal            | 4-20 mA, 3 wire screened   |
| Accuracy                 | +/- 10% <sup>2)</sup>  |
| Alarm levels             | Matrix programmable output relays card optional for: Alarm1, Alarm2, Error & Warning   |
| Error reporting          | Low Flow; Low Electrolyte; Sensor Missing  |
| Communication interfaces | RS-232; configuration and diagnostics (front RJ-45 connector) Optional through plugin module: RS-485; Profibus DP; MODBUS & RS-485; SIMS |
| Indicator                | 140 x 32 dot matrix; blue/green VF display   |
| Sampling pump            | Long life DC operated diaphragm pump   |
| Flow control             | Optical/ electronic  |
| Operating temp.          | 0 - 40° C ; 32 - 104° F  |
| Operating humidity       | 20 % - 90% (non condensing)  |
| Installation             | Indoor, wall-mount   |
| Tube connectors          | In & out; 1/4 " R Female   |
| Power requirements       | 24 Volts DC  |
| Power consumption (max.) | Approx.25 Watt   |
| Dimensions (approx.)     | (WxHxD) 356 x 164 x 194 mm   |
| Weight (approx.)         | 4.0 kg   |
| Country of origin        | Netherlands  |



1) Combined Electrochemical Cell (CEC technique);  
2) Accuracy is subject to the calibration mixture.