

Technical Specifications

	Guardian NG	Guardian NG DC	Gascard NG/Boxed Gascard
Accuracy	± 2% of full scale*	± 2% of full scale*	± 2% of range ± 0.015% of range per mbar*
Zero Stability	± 2% of range (over 12 months)	± 2% of range (over 12 months)	± 2% of range (over 12 months)
Response Time	T90 = <30 seconds from sample inlet	T90 = <30 seconds from sample inlet	T90 = 10 seconds or programmable RC
Power Requirements	90 to 260 VAC 50 to 60 Hz	24V DC (18 to 36V DC)	24V DC (7V-30V)
Power Consumption	15 W typical	15 W typical (25 W max)	4 W typical
Warm-up Time	1 min (initial) 30 min (full specification)	1 min (initial) 30 min (full specification)	1 min (initial) 30 min (full specification)
Humidity	Measurements are unaffected by 0-95% RH, non condensing	Measurements are unaffected by 0-95% RH, non condensing	Measurements are unaffected by 0-95% RH, non condensing
Output	4-20 mA/ 0-20 mA analogue output. 11V guaranteed drive capability. Alarm ranges: zero to full scale. Alarm 1 relay, Alarm 2 relay and Fault relay	4-20 mA/ 0-20 mA analogue output. 11V guaranteed drive capability. Alarm ranges: zero to full scale. Alarm 1 relay, Alarm 2 relay and Fault relay. SPCO (single pole change over)	Linear 4-20 mA/ 0-20 mA (bit-switch selectable maximum load dependent on supply voltage)
Operating Temperature	0-40°C	0-40°C	0-45°C
Operating Pressure	800-1150 mbar	800-1150 mbar	800-1150 mbar
Voltage free contacts rating	8A at 250V AC (resistive load) 8A at 24V DC (resistive load)	8A at 250V AC (resistive load) 8A at 24V DC (resistive load)	N/A
Enclosure rating	IP 54	IP 54	IP 54