

NO2 SENSOR WITH SIGNAL CONDITIONING **INBUILT POWER SUPPLY**

APPLICATIONS :

- Air Quality Monitoring
- Industrial Safety
- Air Purification Control

DESCRIPTION :

SPEC's printed sensors offer the performance of the best quality electrochemical sensors at a fraction of the price. SPEC's printed sensors are also ultra-thin, offering easy integration into wireless, portable, and networked solutions. These sensors are ideal for health, environmental, industrial and residential monitoring, because of their high performance, low cost and small size.

SPECIFICATIONS:



Measurement Range	0 to 20 ppm
Resolution	< 20 ppb (instrumentation dependent)
Repeatability	< +/- 3 % of reading
Response Time T90	< 300 (200 seconds typical)
Sensitivity @ -200 mV bias	-40 +/- 15 nA/ppm
Expected Operating Life	> 5 years (10 years @ 23+/-3C; 40+/-10% RH)
Operating Temperature Range	-40 to 50 C (-20 to 40 C recommended)
Operating Humidity Range – non-condensing	0 to 100% RH (15 to 95% recommended)
Power Consumption	10 to 50 uW (circuit & ambient NO2 dependent)

NOTE: There may be any change in specification due to continuous R & D without notice.

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