



NX3 CiTiceL[®]

For repair grade market

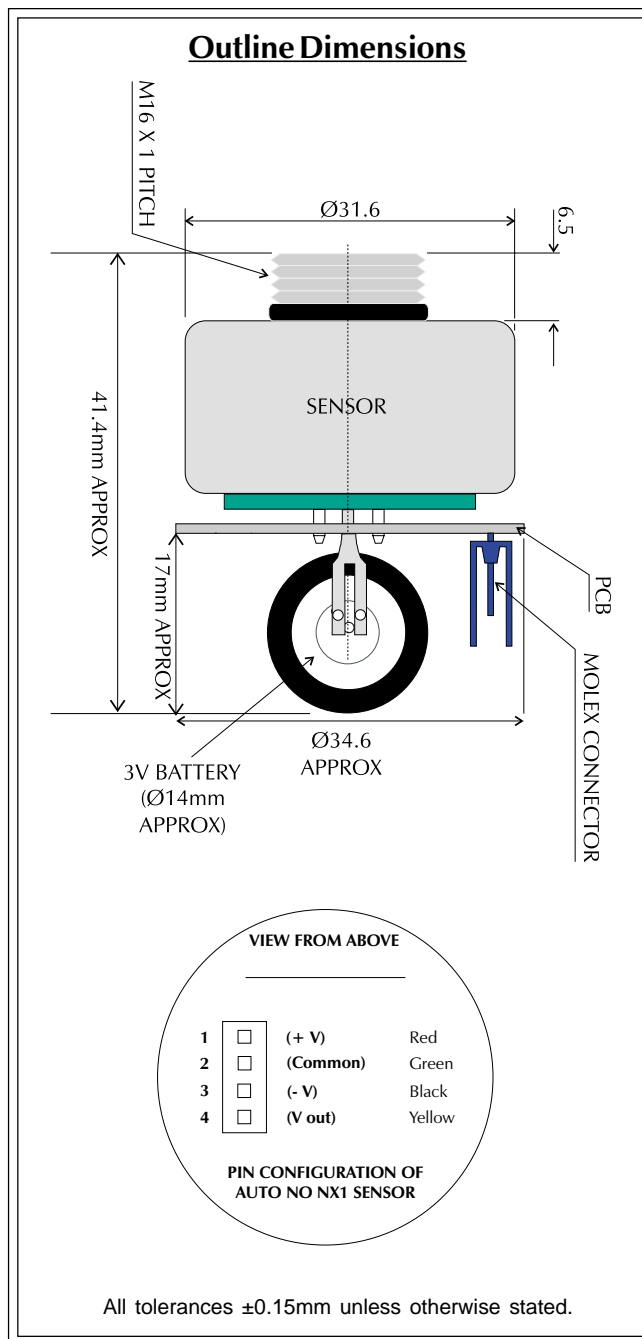
Performance Characteristics

Nominal Range	0-5000ppm
Inboard Filter	To remove effect of SO ₂ in gas stream
Expected Operating Life	Two years in air
Output Signal	0.05 ± 0.01 µA/ppm
Resolution	1ppm
Temperature Range	-20°C to +55°C
Pressure Range	800 - 1100mBar
Pressure Coefficient	0.01% signal/mBar
T₉₅ Response Time	<15 seconds
Relative Humidity Range	15 to 90% non-condensing
Typical Baseline Range (pure air)	0 to +12ppm equivalent
Maximum Zero Shift (+20°C to +40°C)	30ppm equivalent
Long Term Output Drift	<5% signal loss/year
Recommended Load Resistor	10 Ω
Bias Voltage	+300mV
Repeatability	2% of signal
Output Linearity	Linear

N.B. All performance data is based on conditions at 20°C, 50%RH, and 1013mBar

Physical Characteristics

Weight	32g
Position Sensitivity	None
Storage Life	Six months in CTL container
Recommended Storage Temperature	Avoid excessive heat and cold
Warranty Period	12 months from date of despatch

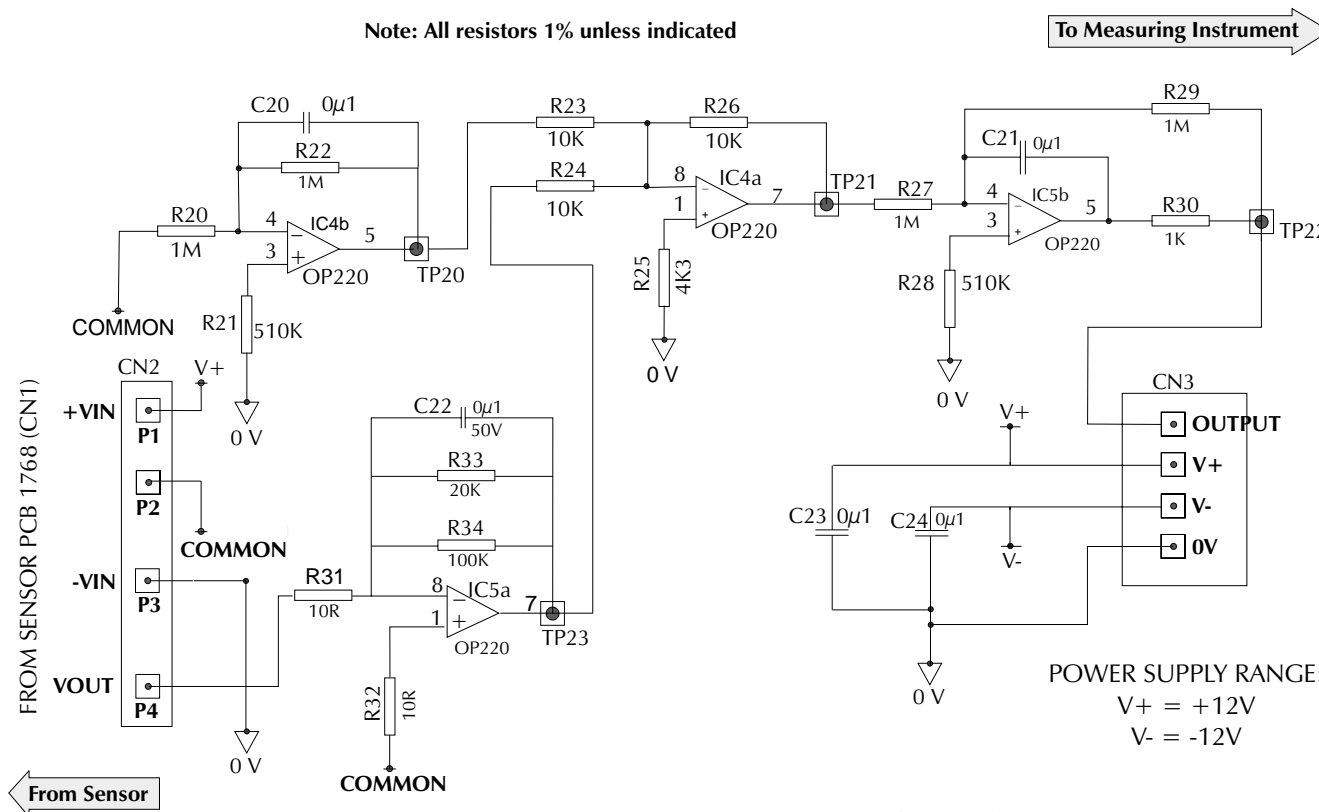


Automotive NX3 CiTiceL [®] Part Details	
MOLEX HEADER (0.100"/2.54mm)	Molex Part Number 22-29-2041
CRIMP TERMINAL HOUSING (MATING PART)	Molex Part Number 22-01-2045



Recommended External Circuit for Sensor

Note: All resistors 1% unless indicated



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Performance characteristics on this data sheet outline the performance of newly supplied sensors. Output signal can drift below the lower limit over time.