



## DO2 CiTiceL<sup>®</sup>

with Molex connector

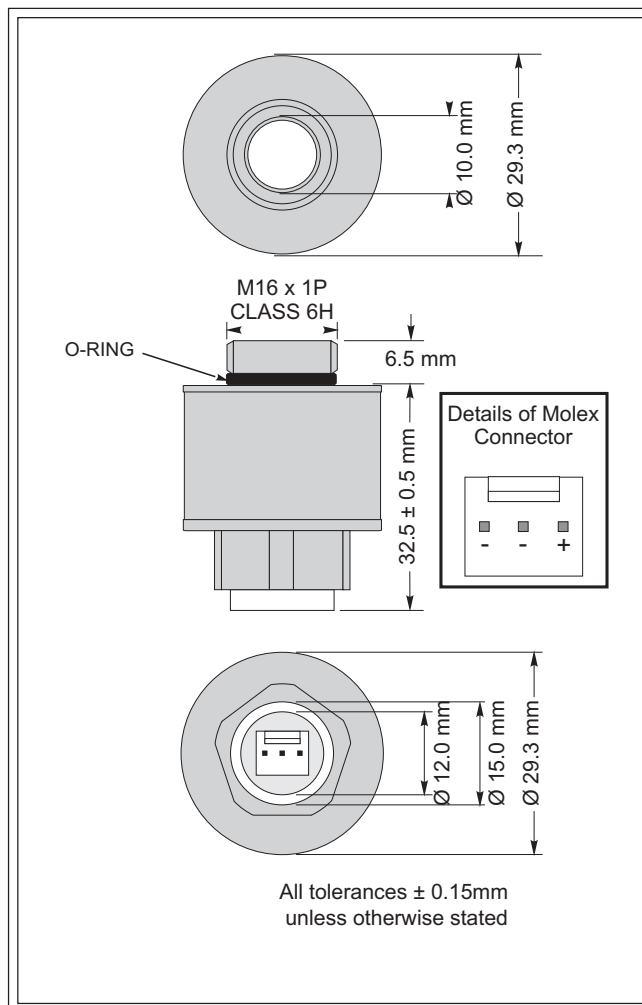
### Performance Characteristics

<b>Output</b>	25 - 35mV in 210mBar O <sub>2</sub>
<b>Range</b>	0-100% O <sub>2</sub>
<b>Resolution</b>	0.01% O <sub>2</sub>
<b>Expected Operating Life</b>	Two years in air (20.9% O <sub>2</sub> ) at 22°C ± 2°C
<b>T<sub>95</sub> Response Time</b>	<30 seconds
<b>Linearity</b>	Linear 0-100% O <sub>2</sub>
<b>Baseline at 20°C</b>	<100µV
<b>Temperature Range</b>	-20°C to +50°C
<b>Pressure Range</b>	Atmospheric ± 10%
<b>Relative Humidity Range</b>	0 to 99% non-condensing
<b>Long Term Output Drift</b>	<5% signal loss/year
<b>Warranty Period</b>	12 months from date of despatch

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

#### NOTE

Molex header used in sensor is MOLEX 22-29-2031  
Suggested mating parts are:  
Molex 22-01-2035: 3-way housing  
Molex 08-56-0110: crimp terminals  
DO2 CiTiceL to be assembled into application 'finger tight'  
only



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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.



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