



Product Specification of:

### Industrial ppm O<sub>2</sub>-Sensor

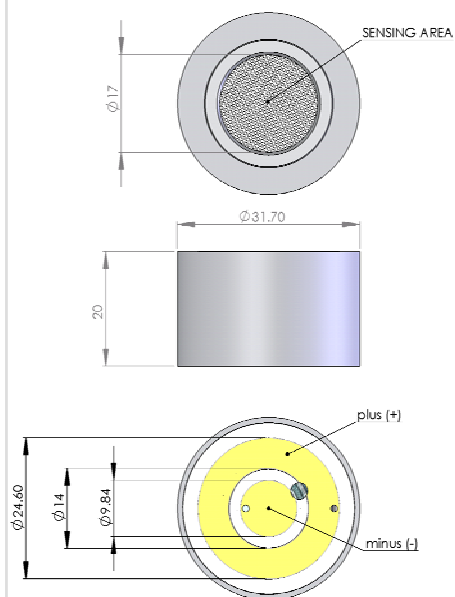
Type: P - 21

Part. No.: 48 01 12

**Key Features:** cell designed to detect trace amounts of oxygen

All characteristics are based on conditions at 25°C, 50 % RH and 1013 hPa

Electrical Connector:	2x slip-rings on PCB
Measurement Range:	50 – 210.000 ppm O <sub>2</sub>
Expected Operating Life:	2 years, depending on application
Output Signal:	200 µA ± 60 µA @ ambient air
Response Times t <sub>90</sub> :	< 40 s on 0 - 10.000 ppm range
(immediate replacement after unpacking)	< 180 s from 10.000 ppm to 1.000 ppm
	< 180 s from 1.000 ppm to 100 ppm
	< 180 s from 100 ppm to 50 ppm
Operating Temperatures:	10°C - 45°C
Temperature Compensation:	none
Temperature Coefficient:	on inquiry



### Storage Conditions

Temperature Range:	-20 – 50 °C maximum 5 – 25 °C recommended
Ambient Pressure:	750 - 1250 hPa
Humidity:	up to 100 % RH
Shelf Life:	3 months
Weight:	approximately 30 g
Housing Colour:	grey
Package:	packaged in nitrogen filled bag

This data sheet is subject to change without prior notice !

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