



## S-300

**Product code:** S-300

**Manufacturer:** ELT Sensor

NDIR module for the measure of CO<sub>2</sub>. With its compact size it is particularly suitable for several applications.

The module has "single beam" technology, which means that it needs to return in clean air to recalibrate.

Accuracy of  $\pm 300\text{ppm} \pm 3\%$  of reading available only for measurement ranges of 0-2%, 0-3% and 0-5%.

'G' version available for humidity resistance up to 99% RH for Application of Agricultural GreenHouse, Stock Raising, etc.

<b>Accuracy</b>	$\pm 30\text{ppm} \pm 3\%$ of reading $\pm 300\text{ppm} \pm 3\%$ of reading
<b>Power Supply</b>	5.0 Vdc
<b>Dimension</b>	33 x 33 x 13.1 mm
<b>Measurement range</b>	0-2000 ppm 0-3000 ppm 0-5000 ppm 0-10000 ppm 0-2% 0-3% 0-5%
<b>Humidity range</b>	0-95% RH 0-99% RH
<b>Target Gas</b>	Carbon dioxide
<b>Working temperature</b>	-10°C / 60°C



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**Output**

PWM  
UART  
I2C  
Analog (0.5V - 4.5V)