

Exhaust oxygen sensor

UEGO Wide band lambda + controller



Description

Proportional wide band oxygen sensor able to measure the air fuel ratio between 9.6 and 19.1 AFR. Direct 0-5v signal output may be connected to any ECU or data logger.



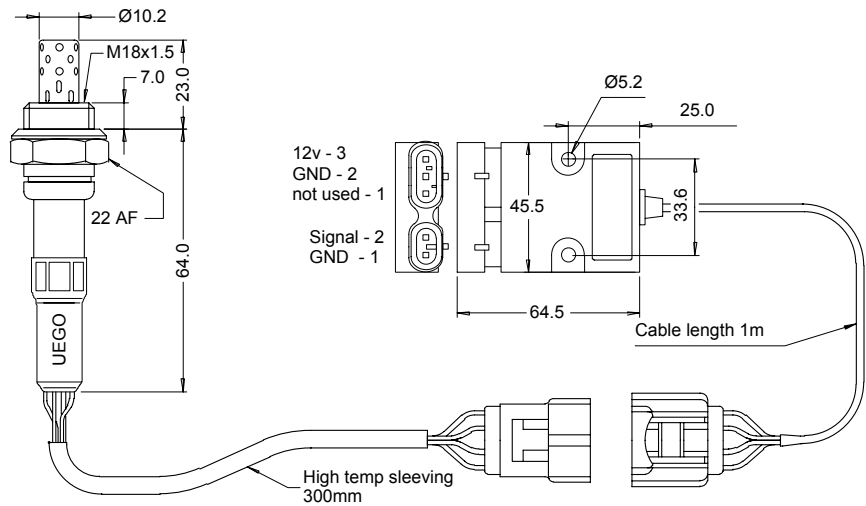
Notes: The sensor is designed for use with lead free fuel. Any prolonged contact with lead (Pb), Phosphorous (P), Silicon (Si) will cause damage to the sensor. Do not use in a running engine with the heater switched off.

The controller is housed in a compact ABS case with all electronics for amplification and control of the sensor & heater.



Dimensions

Lambda	AFR	Volts	Bits
0.65	9.6	0.64	131
0.7	10.3	1.15	236
0.71	10.4	1.27	260
0.74	10.9	1.58	324
0.77	11.3	1.89	387
0.8	11.8	2.23	457
0.83	12.2	2.52	516
0.86	12.6	2.83	580
0.89	13.1	3.14	643
0.9	13.2	3.22	659
0.93	13.7	3.46	709
0.97	14.3	3.77	772
1	14.7	4	819
1.1	16.2	4.36	893
1.2	17.6	4.65	952



Technical Data

Operating tip temperature range..... 750 to 950 °C
 Maximum tip temperature rate of change 50 °C/sec
 Maximum tip temperature 950 °C
 Maximum hex temperature 500 °C
 Maximum output wire temperature 240 °C
 Maximum connector temperature 120 °C

Heater Voltage 10.5±0.5 V
 Heater Current (max) 1.8 A
 Shock - sensor 30 g's
 0.8 m
 Weight - sensor 100 g
 Tightening torque 40±4 Nm

Notes:

- Sensor to be installed within 80° of vertical in the exhaust pipe to avoid fluid contamination within the pipe
- Do not use fuel that contains harmful materials such as Pb, P, S, Si etc

Ordering information

Part No.	Description	Order Code
LZA03-E1-P	UEGO lambda sensor – production version	
EFE26	Controller	

For further details please contact

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