



Ceramic Heating Element For Automobile Oxygen Sensor

GRWAY is a professional Ceramic Heating Element for Automobile Oxygen Sensor manufacturer and supplier in China. We have been specialized in heating element solutions more than 10 years. Besides our existing heating elements, we also provide customized heating element solutions and services to meet customer different needs according to customers' drawings or samples under the assistance of our own R&D team.

Model:1ohm X5830TG

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1ohm white Aluminum Ceramic Heating Element for Oxygen Sensor

During heating, zirconia conducts oxygen ions, a characteristic that allows oxygen ions to flow from the high O₂ concentration of air to the low O₂ concentration on the exhaust side of the ceramic.

Green way co. ltd produces **Ceramic Heating Element for Automobile Oxygen Sensor**, the rod shape is used for the thimble oxygen sensor and the planar ceramic heater is used for the planar oxygen sensor.



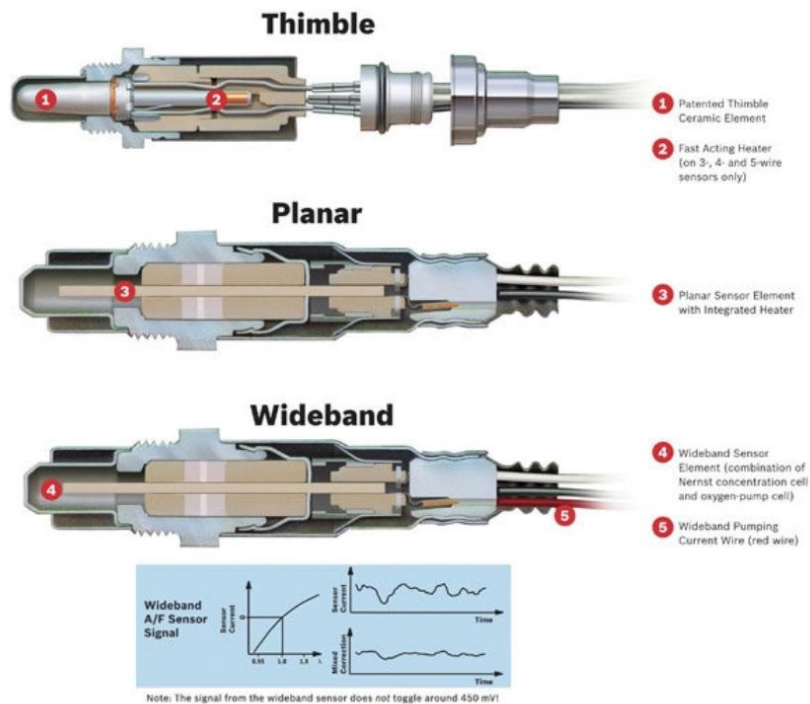
What does an oxygen sensor heater do?

The heater brings the sensor up to operating temperature quickly so it can begin working as soon as possible. The PCM monitors the heater circuits continuously, checking resistance for an open circuit or short to ground.

Parameter of Ceramic Heating Element for Automobile Oxygen Sensor

Heater Name	Ceramic Heating Element for Automobile Oxygen Sensor
Working Voltage	13V
Model name	X5830TG
Dimension	Length 58* diameter 3.0
Heating Resistance	1.0hm+/-10%
Color	white
Material	95% Aluminum ceramic
Leads	Nickel wires
Working Temperature	400~500°C
Insulation Sleeve	Accordingly
Application	Automobile oxygen sensor heating element

Please contact us for more details.



Advantages of white oxygen sensor aluminum ceramic heating element

Compared black silicon nitride oxygen sensor heating elements, it superior in below aspects:

- (1)very good price;
- (2)Temperature rise quickly
- (3)Excellent insulation
- (4)Energy efficient and thermal conductivity super—heating simultaneously both from inside and outside
- (5)Small and compact
- (6)Equalized heat distribution and high power density.
- (7)Meet RoHS requirement
- (8)High cost performance.