



Planar Oxygen Sensor Ceramic Heating Elements

GREENWAY Planar Oxygen Sensor Ceramic Heating Elements are suitable for use in Bosch, Denso, Delphi, NTK & NGK Oxygen Lambda Sensor, Oxygen sensors are designed to monitor the amount of oxygen that's in the car's exhaust stream, while ceramic heater plays an important role in the O2 sensor.

Model:slice

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Parameter Range of Oxygen Sensor Ceramic Heating Elements

GREENWAY produces **Planar Oxygen Sensor Ceramic Heating Elements**, the rod shape is used for the thimble oxygen sensor and the planar ceramic heater is used for the planar oxygen sensor.



Planar ceramic heater oxygen sensors have the below characteristics:

Main material; zirconia ceramic

Quick ignition time

Good insulation performance

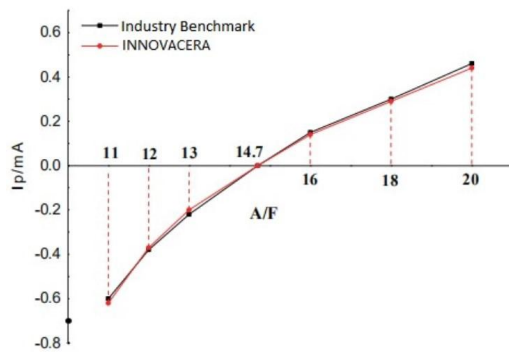
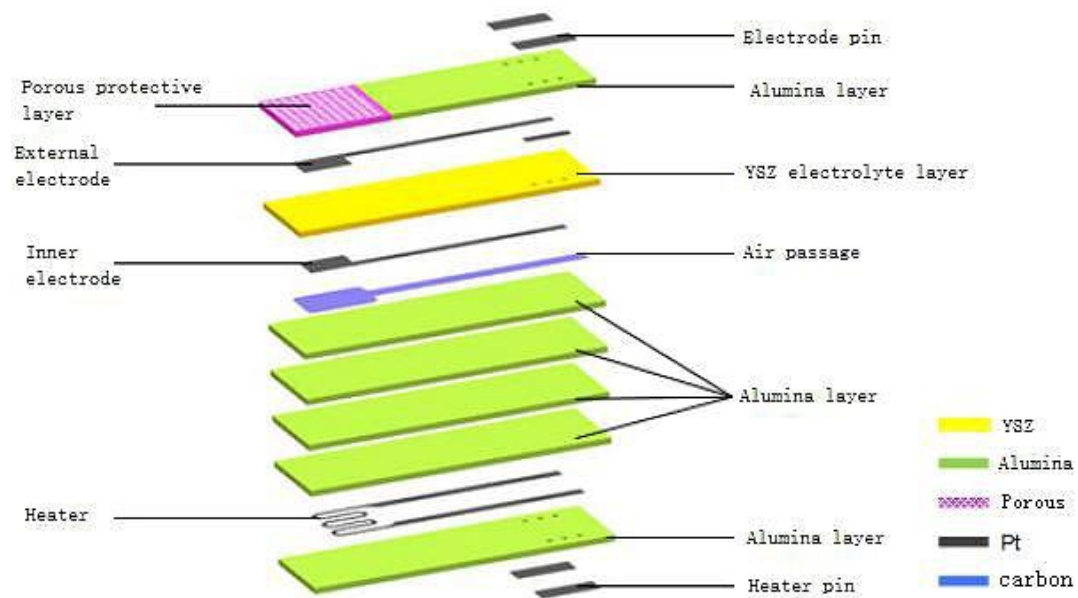
Strong resistance to high temperature and poisoning

Long lifetime

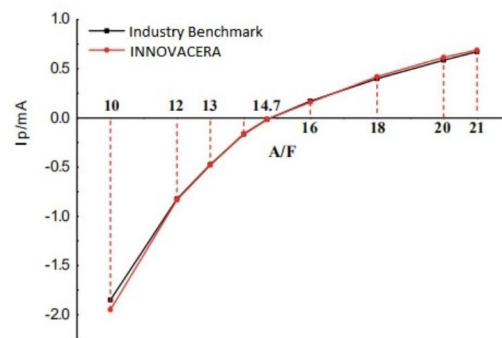
Many types such as pump current switch type, conventional switch type, air-fuel ration type, and wide range type are available

The traditional oxygen sensor is made of alumina and inserts into a zirconia ceramic tube and commonly takes 20 seconds to activate.

New laminated planar oxygen sensor combined alumina and zirconia together, heater element was embedded in the zirconia substrate of the sensor element adopting alumina for the heater substrate material, solve the problem of low thermal conductivity of zirconia while guarantee the good heating. The new laminated planar oxygen sensor can be activated in 10 seconds after a cold start.



Air-Fuel Ratio Curve



Wide-Range Curve

GREEN WAY ceramic heating elements applications:

1. Automobile Oxygen sensor
2. Motorcycle oxygen sensor
3. Customer-specific heating solutions

The following three types of Planar Sensor Elements are available in stock, MOQ 50 PCS,

Air-Fuel Ration Type Planar Ceramic Heater For Oxygen Sensor

Conventional Switch Type Planar Ceramic Heater For Oxygen Sensor

Five-Wires Wide Range Type Planar Ceramic Heater For Oxygen Sensor

