
Bosch LSU4.9 Lambda Sensor



Brand: Bosch Motorsport
Product Code: BOSLSU49
Weight: 0.15kg
Dimensions: 20.00cm x 10.00cm x 5.00cm

Price: \$147.50

Short Description

The LSU 4.9 series lambda sensors from Bosch Motorsport work great in petrol, alcohol or diesel engines.

Description

The wide band lambda sensor LSU 4.9 is a planar ZrO₂ dual cell limiting current sensor with integrated heater. Its monotonic output signal in the range of lambda 0.65 to air makes the LSU 4.9 capable of being used as a universal sensor for lambda 1 measurement as well as for other lambda ranges. The connector module contains a trimming resistor, which defines the characteristic of the sensor.

Specifications

Measurement range - Lambda 0.65 to ?

Fuel compatibility - Gasoline/Diesel/E85

Exhaust gas pressure - ? 2.5 bar (higher with decrease accuracy)

Exhaust gas temperature range (operating) - < 930°C

Exhaust gas temperature range (max.) for short time - < 1,030°C

Hexagon temperature - < 600°C

Wire and protective sleeve temperature - < 250°C

Connector temperature - < 140°C

Storage temperature range - -40 to 100°C

Max. vibration (stochastic peak level) - 300 m/s²

Electrical Connections

Mating connector - BOSD261205356-01

Pin 1	IP/APE Pump Cell Current
Pin 2	VM/IPN
Pin 3	Uh-/H- Heater Ground
Pin 4	Uh+/H Heater Power
Pin 5	IA/RT
Pin 6	UN/RE

Product Gallery

