Bosch LSU4.9 Lambda Sensor



Brand: Bosch Motorsport

Product Code: BOS0258017025

Availability: 2 Weight: 0.15kg

Dimensions: 20.00cm x 10.00cm x 5.00cm

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sales@compsystems.com.au

Price: \$175.51



Short Description

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

1 metre long cable

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

