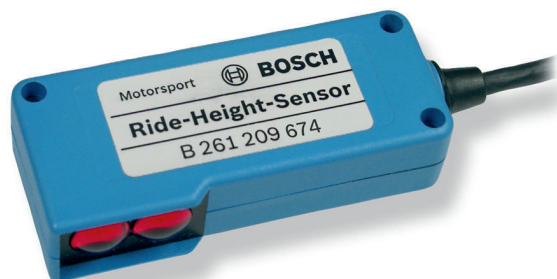




Ride Height Sensor RHS



- ▶ **Ground clearance measurement**
- ▶ **Infrared technology**
- ▶ **Analog output**
- ▶ **High resolution**

This sensor is designed to measure the distance to the ground.

To enable very precise measurement the sensor utilizes infrared measuring technology.

The main feature and benefit of this sensor is the combination of a durable, high quality production part design with a motorsports connector.

Application

Application	60 to 140 mm
Operating temperature range	-10 to 60 °C

Technical Specifications

Mechanical Data

Weight w/o wire	105 g
Size	75 x 33 x 18 mm
Housing	plastic, fibreglass
Protection class	IP 67

Electrical Data

Power supply	12 to 24 V
Response time	5 ms
Input current	< 40 mA

Characteristic

Signal output	0,25 to 4,75 V
Output current	500 µA (analog output)
Alarm output	PNP (200 mA)
Resolution	0,5 to 1 mm
Linearity	1 % FS
Light source	IR
Max. allowed ambient light	< 10,000 lux
Wave length	660 nm

Connectors and Wires

Connector	ASL 6-06-05PD-HE
Connector loom	ASL 0-06-05SD-HE
Pin 1	U _{Supply}
Pin 2	Gnd
Pin 3	Sig
Pin 4	n. c.
Pin 5	n. c.

Various military and automotive connectors on request.

Sleeve	DR-25
--------	-------

