



Sense
Measure
Control

K-RHL2 Ride Height Sensor

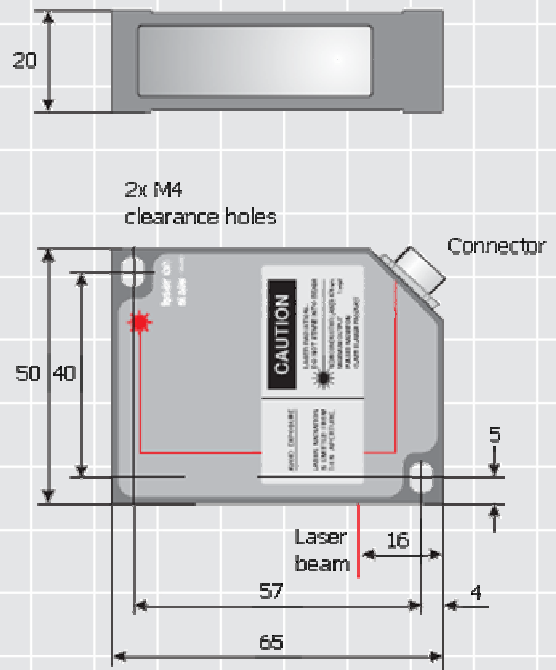
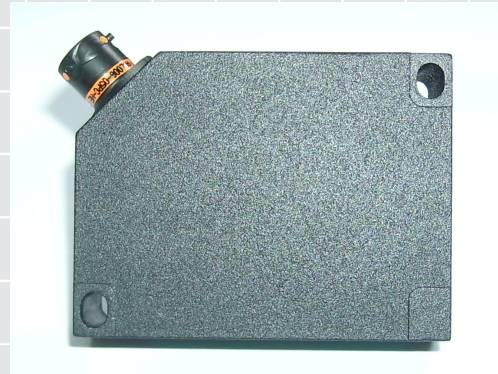
- **Miniature size**
- **Low cost**
- **High accuracy**
- **200mm range**
- **1-5V output**
- **Visible laser**
- **Rugged construction**

The K-RHL2 Series of miniature Ride Height Sensors offer a compact, robust and reliable solution for the measurement of dynamic vehicle ride height.

Ideally suited for aero setup and suspension testing.

The K-RHL2 sensor uses a visible laser light which is projected onto the track surface and detected on a precision CCD detector. The sensor is particularly useful when the angle of projection can be upto 30° from vertical.

KA Sensors Ltd have over 15 years of experience with transducer applications in motor sport, we are therefore able to fully understand the complex requirements of racing and are available to assist with any application.



Range	60 to 260mm
Linearity	<±0.2% FS
Resolution	100µm
Measurement rate	750Hz
Ambient light	<4000 lx
Supply	11 - 30V dc (50mA)
Output	1 - 5V
Operating temp	0 to +55°C
Storage temp	-20 to +70°C
Electrical connection	Deutsch connector type: ASL006-05PC-HE Pin 1 = + Supply Pin 2 = 0V Pin 3 = + Signal OR: 100cm 55 spec cable, 26AWG, +DR25 sleeve
Weight	80g without connector or cable
Protection class	IP 67
Vibration/shock	15g 10Hz-1kHz
Laser	1mW, 670 nm, pulsed radiation Spot size = 2.1-2.3mm dia
Options	Cable length Anti vibration mountings

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