



Sense
Measure
Control

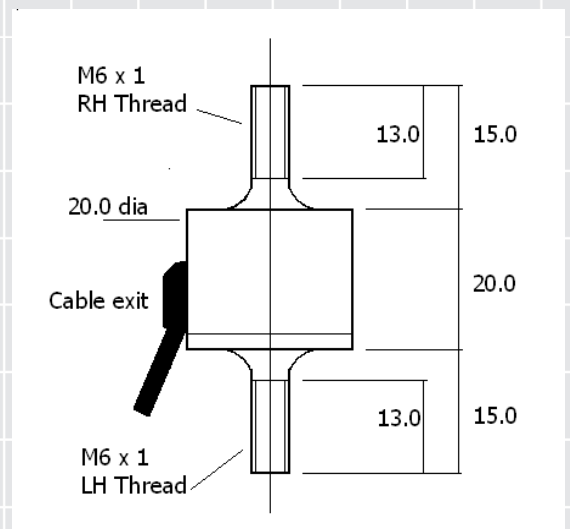
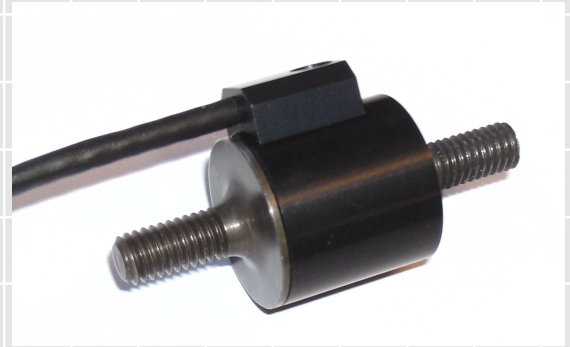
KA-GSS Series Gear Shift Load Cell

- **Miniature size**
- **500 or 1000N range**
- **IP67 Sealed**
- **Rugged construction**
- **5V or 8-16V supply**
- **Low cost**

The KA-GSS Series of miniature load cells are designed for the measurement of tension/compression forces in static or dynamic applications.

Typical applications include gearshift, suspension, steering or general testing.

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	±500 or ±1000N
Overrange	1.5X range
Supply	5V or 8-16Vdc
Output	0.5 to 4.5V (Others available)
Operating temp	-20 to +120°C
Compensated temp	0 to +70°C
Construction	Stainless Steel
Cable	500mm 55spec +DR25
Accuracy	±1.0% FS (comb lin/hyst)
TC Zero	±0.01% FS / °C
TC Span	±0.01% of reading / °C
Also Available	Tie rod kit Connectors fitted M8 threads

Part number:

KA - GSS0000 - 0 0 0 - 000

Range:
500N= **500**
1000N= **1000**

Thread size:
M6= **6**
M8= **8**

Supply:
5V= **1**
8-16V= **2**

Output:
0.5 to 4.5V= **A**

Cable length:
50cm= **050**

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