



Product Introduction

K18 The load sensor uses the height change of the carriage to the axle or wheel when the vehicle is empty and fully loaded as the effective range, and converts the current actual load weight of the vehicle through the displacement distance of th sensor, the sensor is a high-precision capacitive displacement sensor,The sampling resolution is up to 8 digits, the measurement distance is 95mm, the data signal out put is AD value and KG unit weight value, the accuracy of the sensor itself is 1%, after data optimization and processing, the static and dynamic accuracy is ≅10%.

Product Features

- Built-in Bluetooth communication module, wireless data transmission;
- Using the traditional commercial vehicle shock absorber structure method, capacitive high-precision displacement sensor, long service life, product stability is strong.;
- Parameters can be configured via mobile app;
- Built-in high-capacity battery, can be used continuously for 4 years;
- No wiring required, quick installation;

Product Parameters

Product number	K18
Measuring range	95mm
Output	Bluetooth communication BLE5.0
weight	2KG
Operating Voltage	3.6V
measurement accuracy	≤±1%FS
Operating temperature	−40℃~+80℃
Delay time	1 second to 1800 seconds can be set
Battery capacity	4000mA(4 years of use)
Overall structure	Column type
Main material	Aluminum Alloy
length	700mm
Installation	Up and down support
Wireless distance	50m(Without interference and obstacles)
Receive/transmit sensitivity	−96 / 4 dBm

Product diagram

