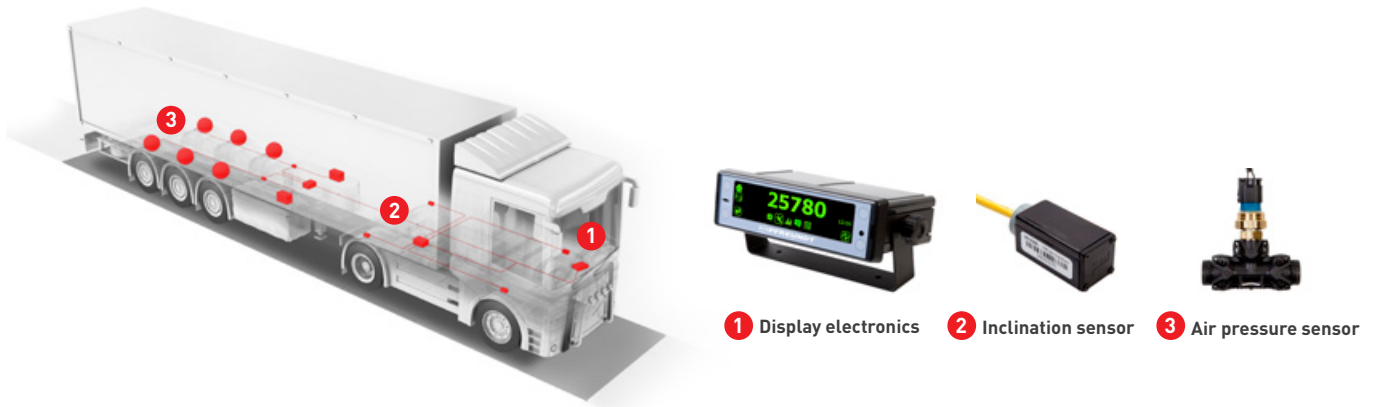


The overload control system



A simple solution for overload protection and load optimization

Optimization of payload, easy operation and simple installation! The overload control system measures the weight of individual axles or axle groups and can be installed in all trucks with leaf and air suspension. With the help of tilt sensors on the axles with leaf suspension and air pressure sensors on axles with air suspension, the system determines the weight values and displays them permanently on the digital display in the driver's cab. This enables the load distribution to be checked quickly.

Function overview

- Overload protection for axles, axle groups and the entire vehicle
- Management of all trailers with one display unit
- Automatic trailer and semitrailer identification
- Weighing accuracy of +/- 3 % at 90-100 % capacity utilization

Scope of delivery

- Display electronics
- Axle load sensors: Number varies depending on the axles and the suspension of the vehicle
 - For axles with leaf suspension: inclination sensors
 - For axles with air suspension: air pressure sensors
- Plus connection box(es) for vehicles with trailer or semi-trailer

Optional accessories

- External acoustic signal transmitter
- PFREUNDT printer with cable

Start your digital future with PFREUNDT!



We create the connections and interfaces you need, e.g. via GPS, mobile radio, WLAN and Bluetooth.



Digital weighing data – available in real time. Try the PFREUNDT Web Portal free of charge!

www.pfreundt.de 

Overview overload control system

Dimensions display electronics	(1) 95,04 x 53,86 mm, (2) 137,65 x 35,89 mm
Weighing accuracy	+/- 3 %
Functions	Total vehicle overload, individual axle load check, integrated alarm function, trailer / semitrailer identification, measurement sensor overload protection, load distribution control, password protection
Extension options	Printer, external acoustic signal transmitter, telematics connection e.g. to the on-board computer or the vehicle's control unit

The advantages at a glance

- Installation or retrofitting in vehicles with leaf and air suspension from a wide range of manufacturers is possible without any problems
- Simple installation and operation, as no input by the driver is required
- Load control for balanced load distribution and optimization of payload
- Reduction of vehicle wear and/or material wear (e.g. tires) and the reduction of fuel consumption by optimizing payload distribution
- Prevention of fines and overload notices for drivers and owners by determining and monitoring axle weights
- Cost-effective alternative to stationary scales - especially in terms of purchase price



(1) for vehicles up to 3.5 t



(2) for vehicles from 3.5 t up to 60 t

PFREUNDT service



Qualified consulting



Own installation teams



On-site calibration service



Area-wide customer service