



ADVANTAGES

- Wireless on board weighing during loading
- Simple and quick installation
- No fine for overloading
- Payload within legal limits
- Reusable system

The new LANX WL system control unit is installed directly in the cab and provides a real-time display of the net, gross, semi-trailer and tractor axle weights, partial weights and with possibility also of the overloading acoustic alarm. LANX WL uses a variety of wireless digital sensors positioned on the vehicle's suspensions and has an alphanumeric screen that displays all weight data. This has been planned purposely for clients who intend to equip their fleet with a valid weighing system at an extremely competitive price. The system pays for itself immediately because knowing the weight of the load when you travel means optimizing transport times and economic yield in complete safety.

FUNCTIONS

- Net, gross weight and axle by axle
- Programmable alarm limits for loading/overloading
- Plate tractor and trailer
- Database plates trailers
- Diagnostics

TECHNICAL DATA

| | |
|---------------------|---------------------------------|
| Display | Back-lit LCD 2x16 characters |
| Screen | Ton or kilogram |
| | Multilingual |
| Working temperature | 0°÷50° C |
| Power supply | 18-30 Vdc |
| Protection level | IP40 |
| Max current | 0.5A a 24 Vdc |
| Dimensions | 132x100x42 mm without flange |
| Colour | Matt black |

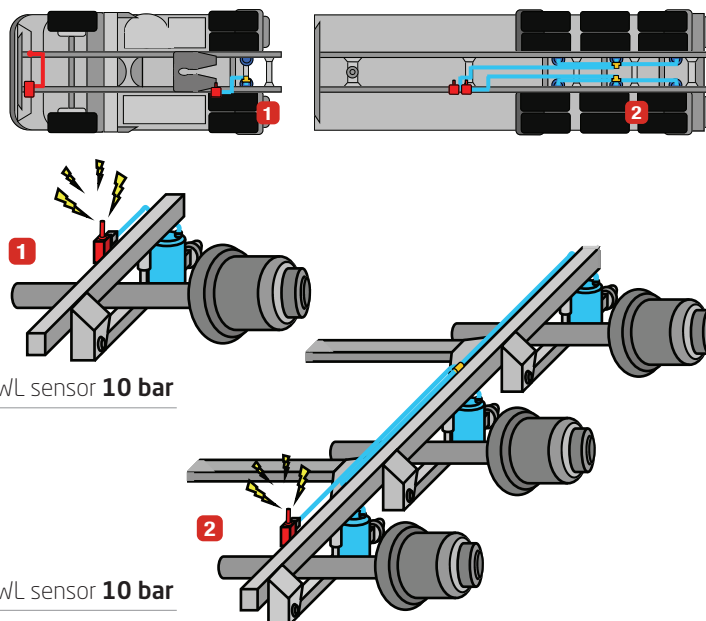
VEHICLES WITH AIR SUSPENSIONS

The Wireless digital sensors, which are installed on the tractor rear pneumatic suspensions [1] and on the trailer pneumatic suspensions [2], record the pressure variation due to the weight loaded on the vehicle, by sending data to the LANX WL unit located in the cab. The sensor only needs the pneumatic connection. Being self-powered and with radio transmitter it requires no cables.

Accuracy: $0 \div 1\%$

Technical data

| Technical data | Wireless sensor 10bar |
|---------------------|---------------------------------|
| Power supply | Primary Li-ion battery (inside) |
| Connection | Wireless |
| Frequence | 2.4 GHz |
| Range | 0-10 bar |
| Safe overload | 20 bar |
| Working temperature | -40° ÷ +85° C |
| Protection level | IP66 |



COMPONENTS LIST

LANX WL is a new generation on-board weighing system for commercial vehicles, designed to be a "must-have" for truckers who need to know weight loaded at any time and place. New wireless digital sensors make installation simple and quick, combining the advantage of cost reduction and reduced cable maintenance.



Lanx WL main unit



wireless digital sensor self-powered



power supply cable with cigar socket

option one



power supply cable with acoustic alarm

option two

