

CES Equipment & Solutions GmbH

Technical description

Maximum measurement load 4 x 12,000kg Overload protection 150% Breaking overload 300%
Temperature range in operation -25°C to +80°C Warehouse temperature range -40°C to +85°C
Calibration interval 12 months Precision of the facility +/-0.5% full-scale = +/- 50kg (weighing class IV)
Measuring time approx. 10 seconds (depending on load) Load display in steps of 50kg

Technical highlights:

- Quick commissioning due to simple "Quick Coupling" case technology
- No cabling, wireless transmission and battery operation
- No interference from cable breakage or defective connections
- No technical intervention to the spreader necessary (important for CE conformity)
- Precise measurement results due to shear force eliminator and x/y stored sensors
- No measurement errors in case of temperature changes due to integrated temperature compensation in every twist lock sensor
- Quick and precise measurement results by means of integration measurement method ☑ Self-diagnostic system for error control
- Electronic reference weight for automatic measurement chain verification
- Automatic wake up and sleep mode for the sensors
- Calibrated measuring device with annual ISO calibration certificate
- A maximum of 12 measuring pins can be integrated per system e.g. for twin lift spreaders.
- The sensors are designed for 200,000 load changes and each have a separate integrated load change meter.