

# ED2E-OL SkidWeigh

Lift Truck On-board Overload Warning Systems



The **ED2E-OL SkidWeigh** Series are general application, compact, heavy duty, fully automatic microprocessor electronic systems that will measure the load weight shown in percentages of the vehicle maximum lifting capacity. The system application is for any type of material handling vehicle regardless of the vehicle make, model, operating voltage or lifting capacity.

Every time a load is picked up the increase in hydraulic pressure on the vehicle lifting circuit will automatically activate the "load weighing cycle" at sample rate of 16000 readings per session with measurement that is updated every second and visually presented to the operator via six digit large LED display.

PRODUCT SPECIFICATIONS



**Technical Data**

- Voltage from 12 to 55 V DC
- Operating current 60mA
- Technology, micro controller
- Readout type, large six LED digits
- Ready LED light
- Busy LED light
- Bluetooth LED light
- Bright red display intensity
- Enclosure ABS, 41/2" x 21/2" x 13/4"
- Weight, 0.2kg
- Operating temperature -40 C + 70 C
- **Pressure Transducer** (Swiss Made)
- Port connection, male 1/4"-18 NPT
- Built in pressure snubber
- NEMA 4X protection
- Reverse polarity protection
- Over voltage protection
- Short circuit protection
- Housing material, Stainless steel AISI 303
- Weight 95 grams
- Installation, unrestricted
- Cable 3 wires, 5' long

- Standard**
- Two buttons fully automatic system calibration by lifting empty and loaded forks above the ground. Lifted calibration load weight should be at least of 30 to 50 percent of the vehicle maximum lifting capacity.
  - Weighing accuracy, +/- 0.1 to 1% of vehicle lifting capacity
  - Load weight display range 0-125% of vehicle maximum lifting capacity
  - Readout updated every second
  - Single weighing channel
  - Overload warning: visual and audio
  - Lift-n-weigh load weighing procedure
  - Graduation 1
  - Operating range to up to 99999 pounds or kg
  - It is not applicable for material handling vehicles equipped with hydraulic accumulator(s)
- Optional Features**
- Two independent weighing channels
  - External overload relay SPDT
  - Overload warning
  - External siren overload alert

**SKIDWEIGH OVERLOAD WARNING SYSTEMS, ED2E-OL SERIES  
COMPACT SIZE & HEAVY DUTY**



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ED2E-OL 2P V2