



FLEXCO WEIGHING SYSTEM FOR FORKLIFT



indicator/load display will vary depending on your needs. Some customers connect our sensors to their own indicator



ADVANTAGES OF OUR SYSTEM

- Installed and calibrated quickly (1-2H)
- Installed without any modifications
- Could be independent from the forklift's power supply
- Does not require any intervention on the forklift's hydraulic system
- Same sensor for any capacity, model, and brand
- Sensor is resistant to outdoor conditions
- Sensor is not affected by vibrations
- Accuracy from 1-3%
- Enables you to obtain accurate weight at different heights
- Not affected by lever
- No cables going through the pulley system of the forklift
- No wireless indicator required
- Sensors are installed without cover, unless necessary
- Works with forklift attachments (clamps, hooks...)

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FLEXCO SENSOR TECHNICAL PARAMETERS

- WIRING «FROM LEFT TO RIGHT» 1: Ex+, 2: Sig+, 3: Ex-, 4: Sig-
- SENSOR DIMENSIONS: 25MM X 25MM X 5MM
- RATED CAPACITY: SAME AS YOUR STRUCTURE «UNLIMITED CAPACITY»
- TOTAL ERROR: FROM .5% TO 3% «BASED ON THE ACTUAL STRUCTURE»
- THERMAL OUTPUT: $0.5 \mu \text{ m/m DEGREES C}(-1)$
- ZERO BALANCE: + OR – 1% OF FULL SCALE
- INPUT: 350 OHMS + OR – 3 OHMS
- OUTPUT: 350 OHMS + OR – 3 OHMS
- GAUGE FACTOR: $2.12 \pm 0.5\%$
- ACTUAL GRID SIZE OF EACH STRAIN GAUGE: 3MM X 3MM
- INSULATION IMPEDANCE: LESS THAN 5000 MEGA OHMS
- OPERATING TEMPERATURE RANGE: -40 TO +60 DEGREES C
- MAXIMUM SAFE OVERLOAD: BASED ON THE ACTUAL STRUCTURE
- UNLIMITED OVERLOAD: BASED ON THE ACTUAL STRUCTURE
- EXCITATION: FROM 1 TO 12 VOLTS DC
- MAXIMUM EXCITATION: 15 VOLTS DC
- PROTECTIVE COVER MATERIAL: STAINLESS STEEL COVER «OPTIONAL»
- CABLE'S LENGTH: BASED ON THE CUSTOMER'S REQUEST

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DIFFERENT LOCATIONS WHERE THE SENSORS CAN BE INSTALLED (Real installations)



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