



## FLEXCO WEIGHING SYSTEM FOR OVERHEAD CRANES

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# FLEXCO SENSOR TECHNICAL PARAMETERS

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- 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



## FLEXCO I-200 WIRELESS KIT SPECS

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- PRECISION: 3000 DIVISIONS
- CONVERSION SPEED: 10TIMES/SECOND
- CAPACITY: UNLIMITED
- INPUT: FLEXCO SENSOR OR TRADITIONAL LOAD CELL
- TRANSMISSION DISTANCE: 200M IN OPEN SPACE
- POWER SOURCE: LARGE CAPACITY LITHIUM-ION BATTERIES