

MODEL 60064

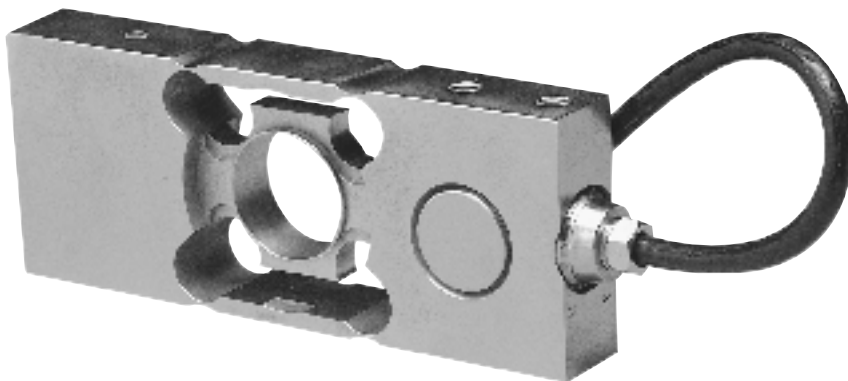
PLATFORM LOAD CELL

APPLICATIONS

- Single-point platform scales
- Bench, counting and deli scales
- Checkweighing scales
- Hopper scales and netweighing
- Belt conveyor scales

FEATURES

- Rated capacities of 25 to 100 pounds, 6 to 60 kilograms
- Stainless steel, welded seal construction
- Moment-compensated design for minimal sensitivity to moments induced by off-center loading
- Replacement for RTI model HPS and compatible load cells
- Exceeds NIST H-44 performance requirements
- Provides optimum performance under adverse loading conditions
- **Sensorgage™** sealed to IP67 standards
- **Cell Guard™** Two Year Warranty
 - Factory Mutual System Approved for Classes I, II, III; Divisions 1 and 2; Groups A through G.
 - Also, **Non-Incendive** ratings (No Barriers!)
- ISO 9001 Certified manufacturing facilities



ISO
9001

Factory
Mutual
System
Approved



Les Balances LEDUC & THIBEAULT Inc.

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Model 60064 Performance Specifications

Rated Capacities (lbs): 25, 50, 100
 (kilograms): 6, 15, 60
 Full Scale Output (FSO): 3.0 mV/V \pm 0.25% (lbs)
 2.0 mV/V \pm 10% (kgs)

Accuracy Class: Standard

Combined Error % FSO \leq .03
 Non-Linearity % FSO \leq .03
 Hysteresis % FSO \leq .03
 Creep Error % FSO \leq .03 in 20 minutes

Temperature Effect on:

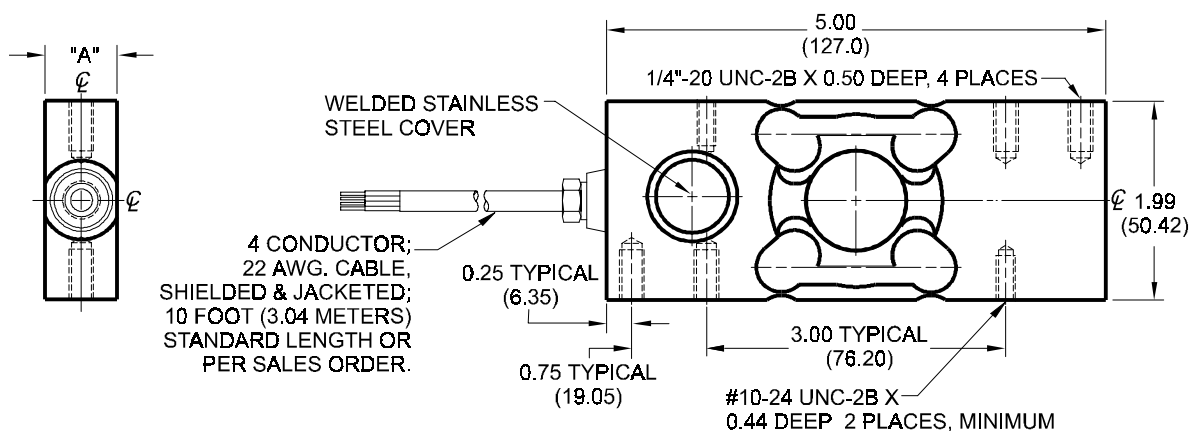
- Zero % FSO/°F \leq 0.0015
- Output % of Load/°F \leq 0.0008

Non-Repeatability % FSO \leq .01
 Zero Balance % FSO \leq 1.0

Insulation Resistance > 1000 Mohms at 50 VDC
 Compensated Temperature Range 0° to 150°F/ -15° to 65°C
 Operating Temperature Range -65° to 185°F/ -50° to 85°C
 Storage Temperature Range -65° to 185°F/ -50° to 85°C
 Input Resistance 400 Ohms Nominal
 Output Resistance 347 - 353 Ohms
 Recommended Excitation Voltage 10 Volts DC
 Maximum Excitation Voltage 15 Volts DC
 Safe Overload 150% of Rated Capacity
 Ultimate Overload 200% of Rated Capacity
 Sealing Meets IP67 Standards
 Material 17-4 Stainless Steel

Moment Compensation:

- Moment Sensitivity \leq 0.01% of applied load per inch
- Maximum Moment (inch-lbs) 5 inches x capacity
- Platform Size (inches) 10 x 10



WIRING

FUNCTION	COLOR
+ Excitation	Green
- Excitation	Black
+ Output	White
- Output	Red

CAPACITY	A	Deflection	Weight
25 - 50 lbs.	0.72 (18.3)	0.011 (0.3)	1.7 (0.8)
100 lbs.	0.94 (23.9)	0.014 (0.4)	2.1 (1.0)
6 - 15 kgs.	0.72 (18.3)	0.007 (0.2)	1.7 (0.8)
60 kgs.	0.94 (23.9)	0.009 (0.2)	2.1 (1.0)

Dimensions are in inches (mm). Capacities are in pounds (kilograms). Deflection is \pm 10%. Specifications are subject to change. Certified drawings are available.

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