

SPEC SHEET
LC203

Interchangeable with
Model TH-UM

\$575

Model Shown

LC203 Series
Tension/Compression
Calibrated in Tension

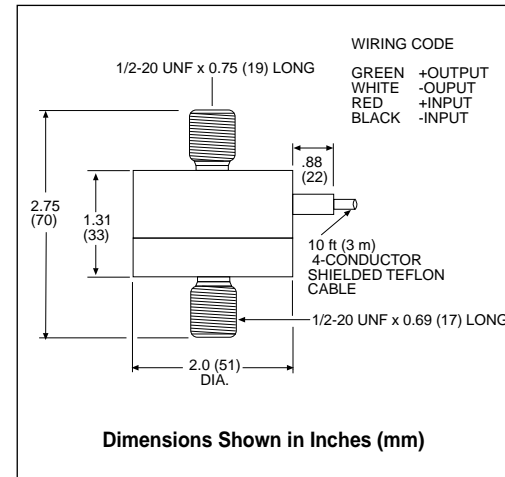
0-25 to 0-10,000 lb
0-100 to 0-45,000 N

1 Newton = 0.2248 lb
1 daNewton = 10 Newtons
1 lb = 454 g
1 t = 1000 kg = 2204 lb

- ☑ **FM/CSA Intrinsically Safe**
- ☑ **Hermetically Sealed**
- ☑ **Miniature Package for Test Stands and Difficult Locations**
- ☑ **Rugged Heavy Duty Construction**
- ☑ **5-Point NIST Calibration Provided**



HIGH ACCURACY MINIATURE UNIVERSAL LOAD CELL Dual Stud Mount Style



The OMEGADYNE™ PX203 Series are high accuracy, miniature low profile, industrial load cells. They are supplied with a stud at each end for easy in-line mounting. The tough, corrosion resistant steel construction and high accuracy strain gages plus FM Intrinsically Safe rating make them suitable for most industrial weighing applications.

SPECIFICATIONS:

Output: 2 mV/V
Excitation: 10 Vdc, 15 Vdc max
Accuracy Class: ±0.15% FSO
Calibrated at 0%, 50%, 100%, 50%, 0%
Linearity: ±0.15% FSO
Hysteresis: ±0.1% FSO
Repeatability: ±0.05% FSO
Zero Balance: ±2% FSO
Agency Approvals: FM/CSA IS/I.II.III/1/CDEFG – Standard

Operating Temp Range:
-46 to 107°C (-50 to 225°F)
Compensated Temp. Range:
16 to 71°C (60 to 160°F)
Thermal Effects: Zero: 0.0025% FSO/°F
Span: 0.005% Rdg/°F
Safe Overload: 150% of Capacity
Ultimate Overload: 300% of Capacity
Input Resistance: 360 ohms minimum
Output Resistance: 350 ±5 ohms
Construction: Stainless Steel
Electrical: 10 ft (3m) 4-conductor PVC shielded cable

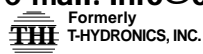
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In U.S.A. and Canada**

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► **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Capacity (lb)	Model Number	Price	Compatible Meters
±25	LC203-25	\$575	INFW, INFS, INFCS
±50	LC203-50	575	INFW, INFS, INFCS
±100	LC203-100	575	INFW, INFS, INFCS
±200	LC203-200	575	INFW, INFS, INFCS
±500	LC203-500	575	INFW, INFS, INFCS
±1,000	LC203-1K	575	INFW, INFS, INFCS
±2,000	LC203-2K	575	INFW, INFS, INFCS
±2,500	LC203-2.5K	575	INFW, INFS, INFCS
±5,000	LC203-5K	575	INFW, INFS, INFCS
±8,000	LC203-8K	575	INFW, INFS, INFCS
±10,000	LC203-10K	575	INFW, INFS, INFCS

Interchangeable with Model TH-UM with base plate
Metric Ranges Available - Consult Engineering

Ordering Examples: 1.) LC203-25 is a 25 lb capacity dual stud mount load cell, **\$575**.
2.) LC203-8K is an 8000 lb capacity dual stud mount load cell, **\$575**.

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