



## ANNULAR LOAD CELLS

Optional configurations & features include:

- Capacities of 500 LBF through 10M LBF
- Hermetically sealed versions available
- Integral cable or connector versions
- Custom capacities available



### Annular Load Cell Specifications

<b>Construction</b>	Stainless Steel + Heavy-Duty, Conductor-Shielded Teflon Cable							
<b>Example Capacities</b> <i>U.S. LBF &amp; Metric kN</i>	500 LBF 2 kN	1000 LBF 4 kN	10K LBF 44 kN	100K LBF 444 kN	500K LBF 2224 kN	1M LBF 4448 kN	5M LBF 22241 kN	10M LBF 44482 kN
<b>Excitation Voltage</b> <i>AC / DC</i>	10V-15V							
<b>Output Configurations</b> <i>±0.1% volts</i>	2 mV / V   0V-5V, 4mA-20mA ( <i>customer preference</i> )							
<b>Temperature Range</b> <i>(additional ranges optional)</i>	10°F    -12°C		200°F    93°C					
<b>Bridge Resistance</b> <i>Input &amp; Output, ±1% ohms</i>	700Ω							
<b>Insulation Resistance</b>	5000 MΩ							
<b>Accuracy &amp; Precision</b>	Linearity: 0.35% FS				Repeatability: 0.05% FS			
<b>Maximum Load</b> <i>% of cap</i>	Safe: 150%				Ultimate: 300%			

Please note that specifications or results may vary as we strive to improve our products. Additional information including dimensions and technical drawings available upon request.

We're called specialists for a reason,

- Welded construction to withstand harsh environments
- Best accuracies available in the industry
- Customized units available for every need
- Designed & produced in Huntsville Alabama, USA

National Scale Technology  
A division of Measurement Specialists Inc.

160 West Park Loop  
Huntsville, Alabama 35806

Your Problems, Our Solutions  
Get your quote today!

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