Typical Transducer Specifications

* Tension Range: Supplied to Customer's requirements.
* Contact Elements: To fit application.
* Operating Temperature: 70 ± 25 F. (Special ranges available)
* Connecting Terminals: 5 pin Amphenol plug or terminated ends.
* Excitation Voltage: 4-10 VDC.
* Bridge Resistance: 350 ohms nominal.
* Output Signal: 1.0 - 2.0 mV/V nominal.
* Resistance to Ground: Exceeding 500 Megaohms.
* Zero Balance: Less than 1.5% FS
* Drift at Midpoint: 0.2%
* Noise Level: Less than 0.2%
* Linearity: 0.5%
* Combined Linearity & Hysteresis: ±.75%
* Total Error: 1% FS
* Overload Tension: 50% Overrated
* Shielded Cable: 10' standard length.

Material: ALUMINUM
Finish: CLEAR ANODIZE

DIMENSIONAL TOLERANCES
UNLESS OTHERWISE SPECIFIED

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<tr>
<th>XXXX</th>
<th>XXX</th>
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<th>ANGLE</th>
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<td>± .0005</td>
<td>± .005</td>
<td>± .01</td>
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Scale: 1:2

Title: LOW FORCE LOAD CELL WITH 2" LONG, TAPE ROLLERS

NOTE 1. MAXIMUM TENSION RANGE OF 150 LBS (75 KG) OVER SEVERAL RANGES.
NOTE 2. PULLEY DIAMETERS, MATERIAL AND LENGTH TBD BY APPLICATION.
NOTE 3. POSITIONING OF OUTER ROLLERS CAN BE ADJUSTED (THREE POSITIONS) TO INCREASE OR DECREASE WRAP ANGLE.