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 Megohms.
* Zero Balance: Less than 1.5% FS
* Drift at Midpoint: 0.2%
* Noise Level: Less than 0.2%
* Linearity: 0.5%
* Combined Linearity & Hysteresis: ± 0.75%
* Total Error: 1% FS
* Overload Tension: 50% Overated
* Shielded Cable: 10’ standard length.

Application Note:
Roller configuration adjustable to meet specific applications. For optimum accuracy evenly guide material over pulley with a minimum wrap angle of 12°. For best accuracy keep wrap angle as consistent as possible.

<table>
<thead>
<tr>
<th>Material</th>
<th>Finish</th>
<th>Heat Treat Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINUM</td>
<td>CLEAR ANODIZE</td>
<td></td>
</tr>
</tbody>
</table>

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED

<table>
<thead>
<tr>
<th>FRAC.</th>
<th>DEC.</th>
<th>ANG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>± 1/64</td>
<td>± .005</td>
<td>± 30'</td>
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</tbody>
</table>

TYPICAL SINGLE ROLLER WEB TRANSDUCER

Scale: 1:1.5

Drawn: SHS  Date: 6-22-07
Checked: Date
Approved: Date

Revisions

<table>
<thead>
<tr>
<th>SYM</th>
<th>Description</th>
<th>Date</th>
<th>Approval</th>
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</thead>
</table>

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TENSITRON INC.