**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**: ± .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.

**Material**

ALUMINUM

**Finish**

CLEAR ANODIZE

**Title**

NOTCHED BEAM TRANSDUCER WITH 2" X 4-1/4" ROLLER

**Material Finish**

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED

<table>
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<th>.XXX</th>
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<td>± .0005</td>
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<td>± .01</td>
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**Scale**

1:2

**No. Req'd**

Next Assy

**Checked**

Date

**Approved**

Date

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**Revision History**

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**TENSITRON**

733 South Bowen Street
Longmont, CO 80501

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**E-095-04-SC**

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