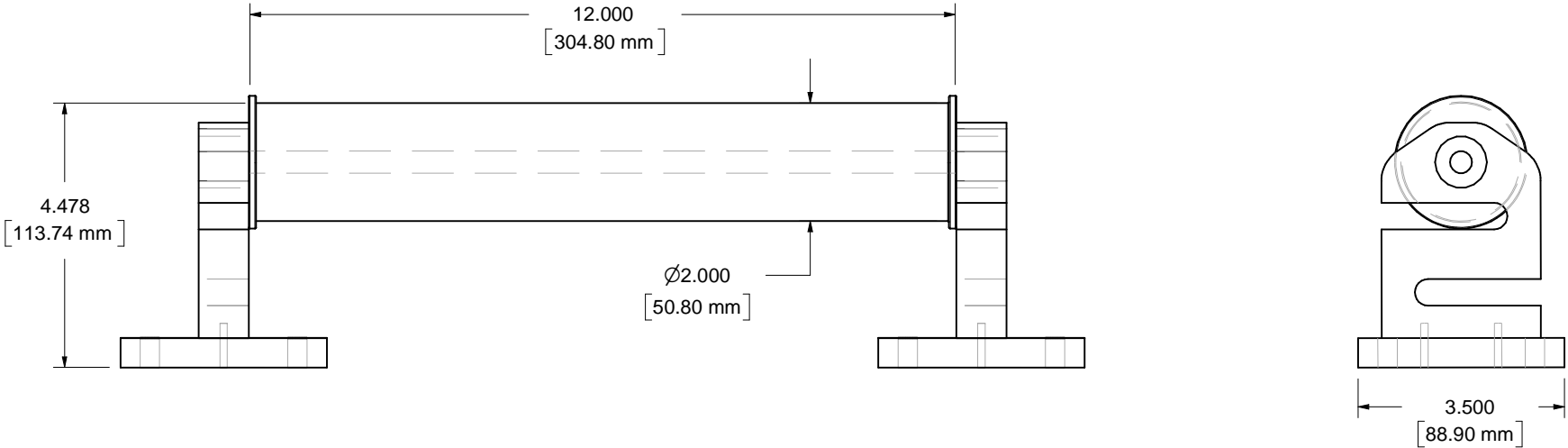
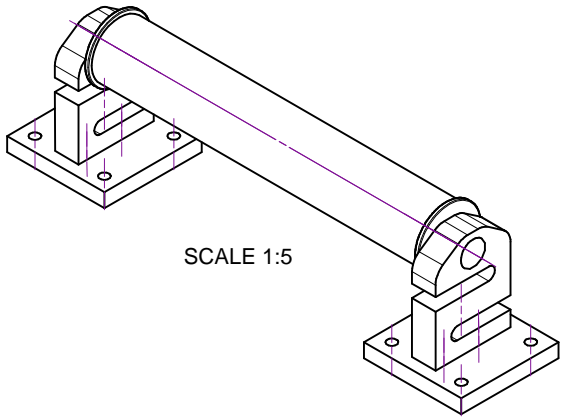


Typical Transducer Specifications

- \*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% Overated
- \*Shielded Cable: 10' standard length.

Revisions			
SYM	Description	Date	Approval



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.

MaterialALUMINUM			FinishCLEAR ANODIZE			Heat Treat		
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE			Weight		
FRAC.	DEC.	ANG.	TYPICAL WEB TRANSDUCER SHOWN WITH $\varnothing 2"$ X 12" ROLLER			<div>TENSITRON<sup>INC.</sup></div> <div>733 South Bowen Street Longmont, CO 80501</div>		
± 1/64	± .005	± 30°						
Scale1:3		No. Req'd	DrawnSHS	Date6-22-07	Size	Drawing Number		Issue
Next Assy			Checked	Date		E-210		
			Approved	Date				