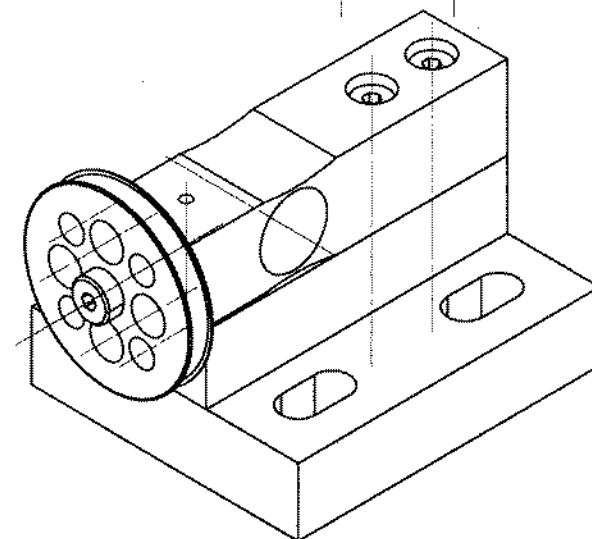
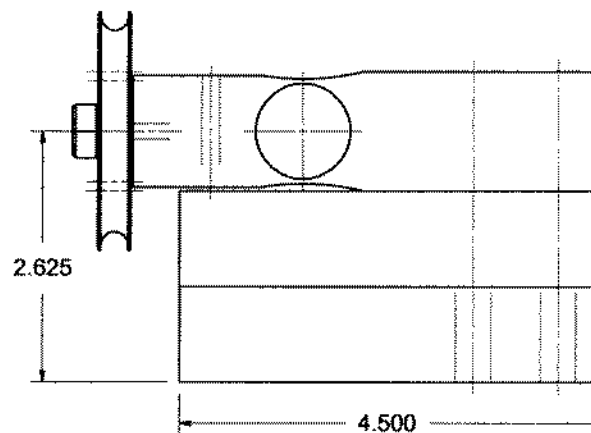
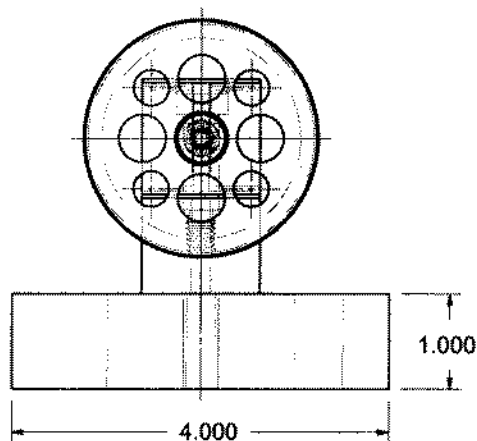



Typical Transducer Specifications

- *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: $\pm .75\%$
- *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 constant as possible.

Material ALUMINUM			Finish CLEAR ANODIZE		Heat Treat			
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE TYPICAL NOTCHED BEAM TRANSDUCER ASSEMBLED TO PEDESTAL		Weight <div>TENSITRON^{INC.}</div>  733 South Bowen Street Longmont, CO 80501			
FRAC.	DEC.	ANG.						
± 1/64	± .005	± 30'						
Scale 1:2		No. Req'd	Drawn SHS		Date 12-28-05	Size	Drawing Number	Issue
Next Assy			Checked		Date		E-095-01	
			Approved		Date			