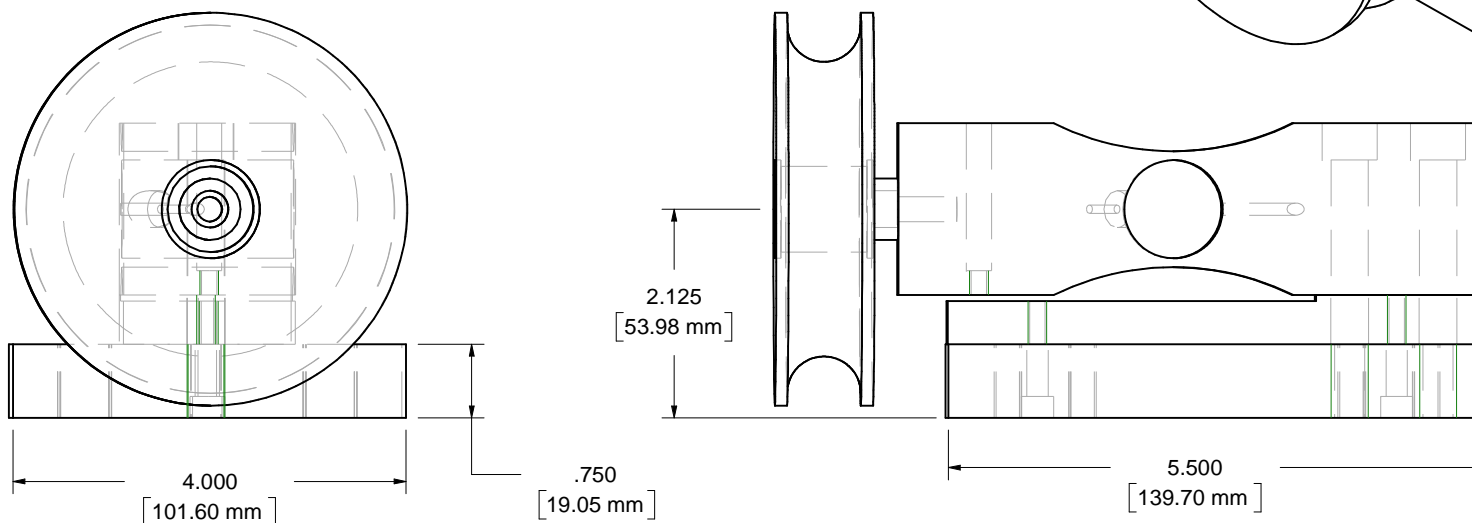
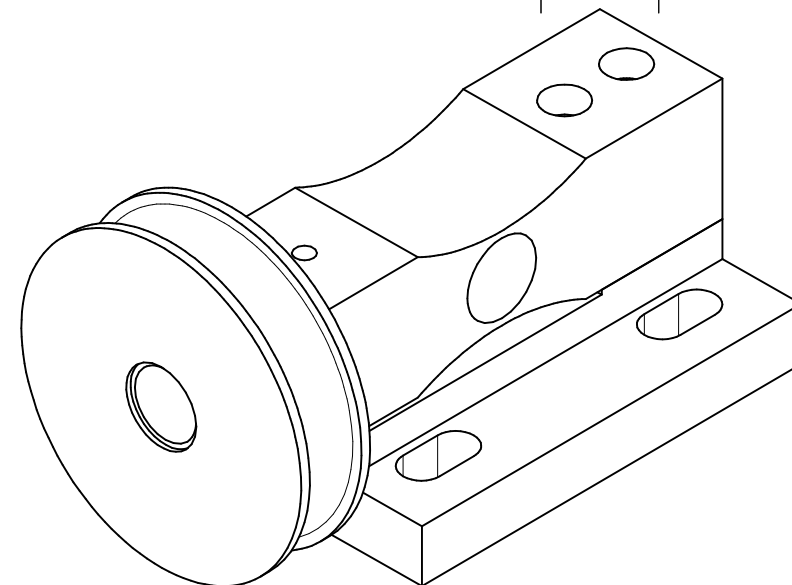


Typical Transducer Specifications

- *Tension Range: Supplied to Customer's requirements.
- *Contact Elements: To fit application.
- *Operating Temperature: $70^{\circ} \pm 25^{\circ}$ 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.


Revisions			
SYM	Description	Date	Approval



Application Note:

Roller size, material and 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.

Maximum tension ranges over several models up to 1,000 lbs (500 Kg).

Material ALUMINUM			Finish CLEAR ANODIZE		Heat Treat		
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE		Weight		
FRAC.	DEC.	ANG.	TYPICAL NOTCHED BEAM TRANSDUCER ASSEMBLED TO PEDESTAL		 733 South Bowen Street Longmont, CO 80501		
$\pm 1/64$	$\pm .005$	$\pm 30^{\circ}$					
Scale 1:2	No. Req'd		Drawn SHS	Date 12-12-07	Size	Drawing Number	Issue
Next Assy			Checked	Date		E-095-01	
			Approved	Date			