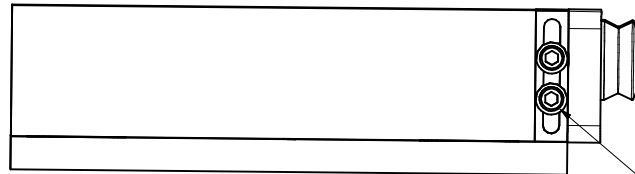
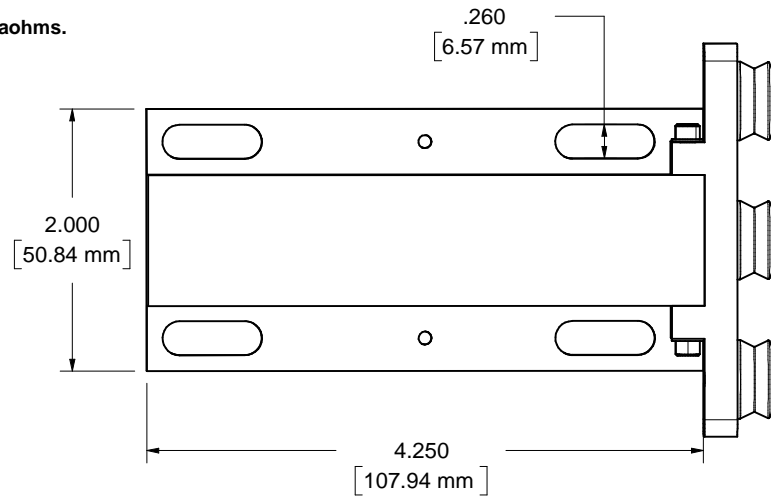
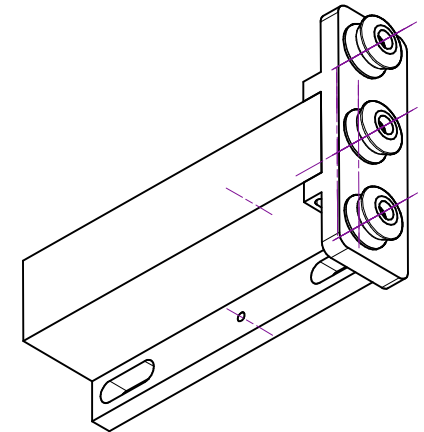
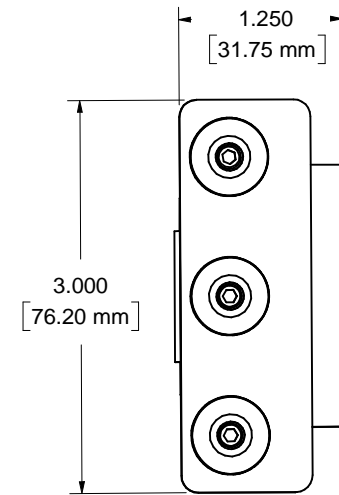


## Typical Transducer Specifications

- \*Tension Range: Supplied to Customer's requirements.
- \*Contact Elements: To fit Customer's application.
- \*Operating Temperature:  $70^{\circ} \pm 25^{\circ}$
- \*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 FS 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:  $\pm 0.5\%$
- \*Combined Linearity & Hysteresis:  $\pm .75\%$
- \*Total Error: 1% FS
- \*Overload Tension: 50% Overated.
- \*Shielded Cable: 10' Standard length.




NOTE 1.



NOTE 1.  
ADJUSTMENT TO RAISE OR LOWER  
OUTSIDE ROLLER POSITION ALLOWING  
USER TO INCREASE OR DECREASE  
MATERIAL WRAP ANGLE.

NOTE 2.  
STANDARD, MAXIMUM TENSION RANGES  
OF 1,000 AND 5,000 GRAMS. CUSTOM  
RANGES AND ROLLER CONFIGURATIONS  
AVAILABLE.

Material ALUMINUM			Finish CLEAR ANODIZE			Heat Treat		
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE			Weight		
FRAC.	DEC.	ANG.	TYPICAL SMALL SPACE TRANSDUCER WITH 3" ADJUSTABLE FACEPLATE			 733 South Bowen Street Longmont, CO 80501		
$\pm 1/64$	$\pm .005$	$\pm 30^{\circ}$						
Scale	1:1.5	No. Req'd	Drawn	SHS	Date	6-22-07	Size	Drawing Number
Next			Checked			Date	FT-107	Issue
Assy			Approved			Date		