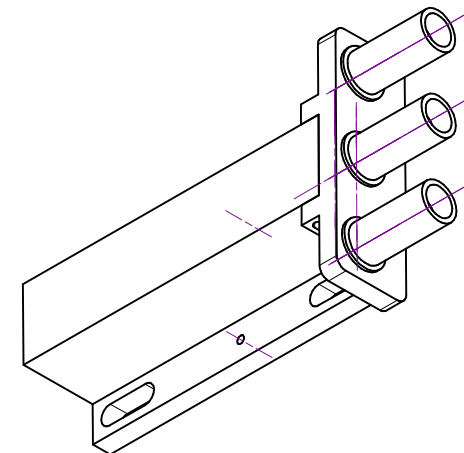
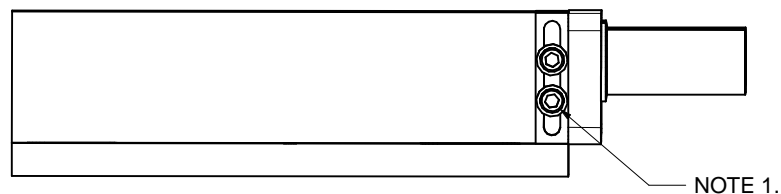
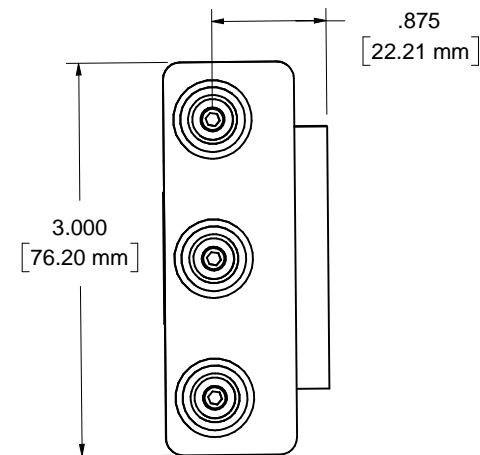
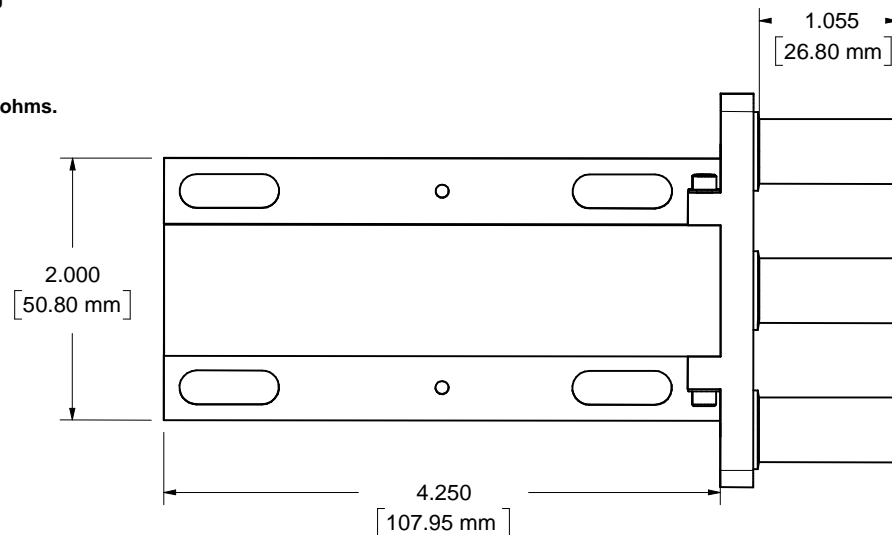



## Typical Transducer Specifications

\*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.



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  TYPICAL SMALL SPACE TRANSDUCER WITH 3" FACEPLATE AND 1" CYLINDRICAL ROLLERS						Weight							
												 733 South Bowen Street Longmont, CO 80501							
FRAC.		DEC.		ANG.															
± 1/64		± .005		± 30°															
Scale		1:1.5		No. Req'd		Drawn		SHS		Date		6-22-07		Size		Drawing Number		Issue	
Next Assy								Checked		Date				E-415-003					
								Approved		Date									