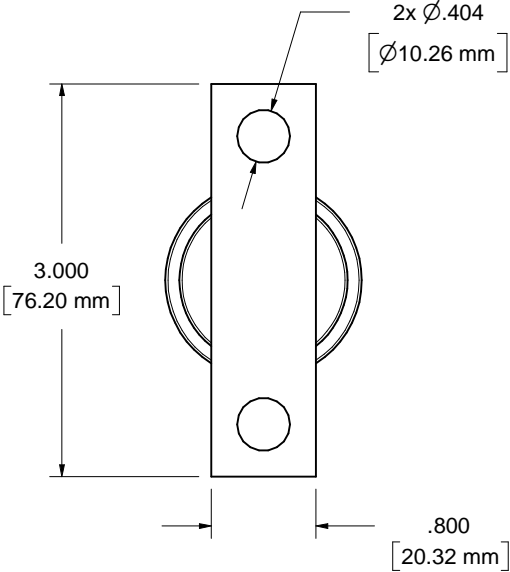
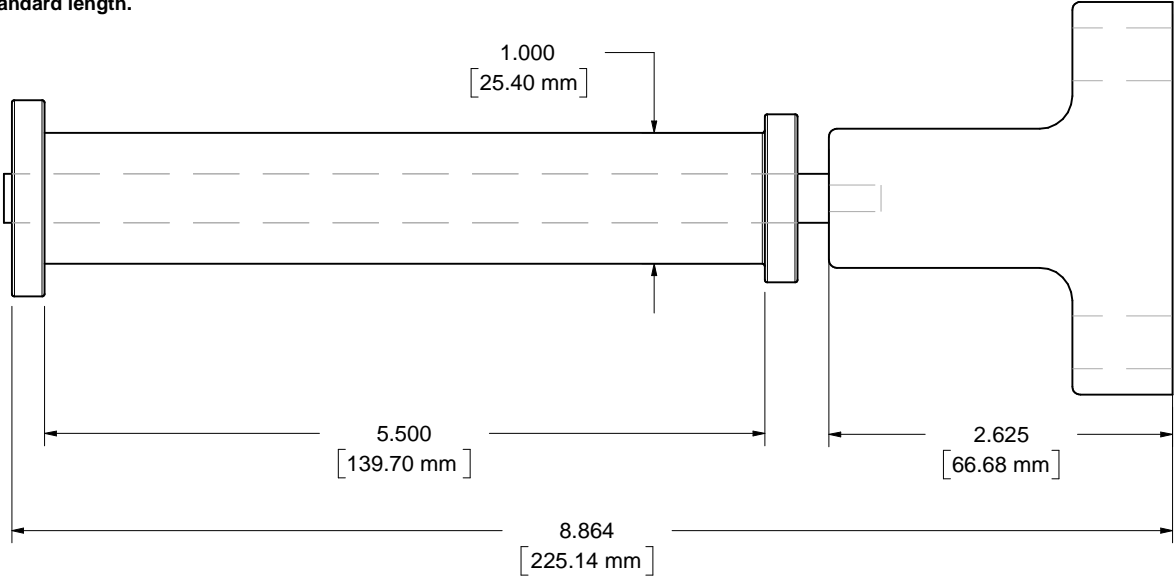


Typical Transducer Specifications


- \*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.

Material ALUMINUM			Finish CLEAR ANODIZE			Heat Treat			
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE  TYPICAL CANTILEVER LOAD CELL SHOWN WITH 5.5" LONG TAPE ROLLER			Weight			
						<div>TENSITRON<sup>INC.</sup></div> <div></div> <div>733 South Bowen Street Longmont, CO 80501</div>			
FRAC.	DEC.	ANG.				Size	Drawing Number	Issue	
± 1/64	± .005	± 30°							
Scale 1:1.5		No. Req'd	Drawn	SHS	Date	6-22-07			
Next Assy			Checked		Date			E-200	
			Approved		Date				