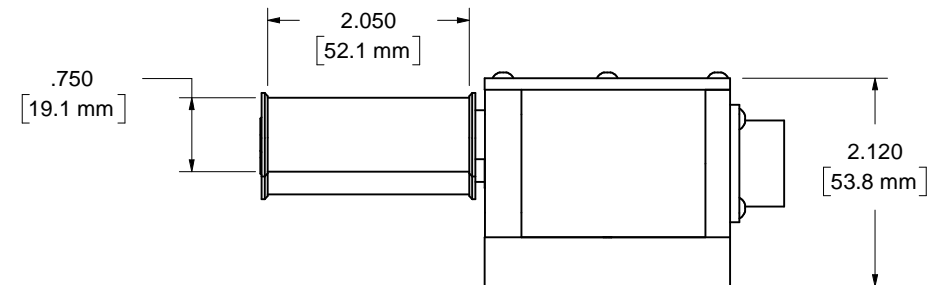
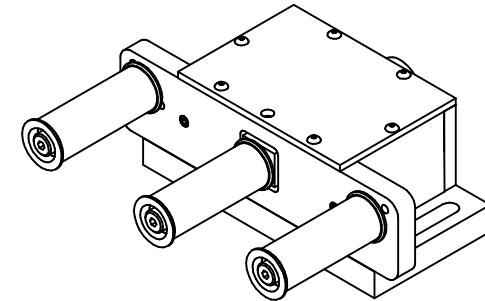



Revisions			
SYM	Description	Date	Approval



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.

MaterialALUMINUM			FinishCLEAR ANODIZE		Heat Treat			
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE LOW FORCE LOAD CELL WITH 2" LONG, TAPE ROLLERS		Weight			
FRAC.	DEC.	ANG.			<div>TENSITRON^{INC.}</div> <div></div> <div>733 South Bowen Street Longmont, CO 80501</div>			
± 1/64	± .005	± 30°						
Scale1:2		No. Req'd						DrawnSHS
Next Assy			Checked		Date		E-091-02	
			Approved		Date			

NOTE 1. MAXIMUM TENSION RANGE OF 150 LBS (75 KG) OVER SEVERAL RANGES.
 NOTE 2. PULLEY DIAMETERS, MATERIAL AND LENGTH TBD BY APPLICATION.
 NOTE 3. POSITIONING OF OUTER ROLLERS CAN BE ADJUSTED (THREE POSITIONS) TO INCREASE OR DECREASE WRAP ANGLE.