



Installing Belt Sensor Assembly:

- 1) Select sensor location. 12 o'clock on leg of conveyor head are good locations. The up side of the bucket elevator near the pulley is also good.
- 2) Use brass sensor as template for cut-out and use the four holes in the aluminum plate as template for aluminum $\frac{3}{16}$ " pop rivets.
- 3) Cut out sensor area and drill pop rivet holes.
- 4) Mount assembly with the four aluminum $\frac{3}{16}$ " pop rivets (supplied).
- 5) Aluminum mounting plate may be trimmed as needed.
- 6) Position brass sensor so it is first to be contacted by the belt being monitored (before trunking, housings, etc.). Use UHMW spacers if required to move brass sensor closer to the belt being monitored.

PART NUMBERS OPTIONS:

- 948.000605- Belt Mis-Alignment sensor 1"X4" Complete PTC type
 948.000611- Belt Mis-Alignment sensor 1"X4" Complete Type T
 948.000604- Belt Mis-Alignment sensor 1"X4" Complete 100 ohm RTD
 948.000614- Belt Mis-Alignment sensor 1"X4" Complete Digital

MAXI-TRONIC INC.			
MASON, OHIO 45040			
TITLE: BELT MISALIGNMENT SENSOR DIMENSIONS			
PART NO: 948-000605	DWG NO. A-03-82-M1	JOB NO:	
SCALE:	SIZE:	DRAWN BY: JTL	DATE: 10-30-2003