

MAXI-TRONIC
3530 IRWIN SIMPSON ROAD
MASON, OHIO 45896
**MAXI-TRONIC RB PTC TYPE SERIES BELT MIS-ALIGNMENT
MONITORS**
MOST ASKED QUESTIONS

- Q. How far from the electronic housing can I run wire to the mis-alignment sensor?
A. Up to 5,000 feet.
- Q. What type of wire must I use with the sensors?
A. Any copper wire 14 to 24 gauge.
- Q. What happens if a sensor wire gets pulled loose?
A. The station indicator will signal as if the belt is rubbing that sensor.
- Q. Can the mis-alignment sensor be damaged by not having the wires connected properly?
A. No. The sensor has no polarity. As long as either wire is run to the sensor station and the other to the station sensor common, there will be no damage.
- Q. What kind of voltage does the sensor have?
A. 12 volts DC/4 to 12 milliamps current max.
- Q. How do I connect my field wiring to the sensors?
A. A dust-tight junction box is located directly on the sensor assembly for making all wiring connections.
- Q. If necessary, can the brass sensor be replaced without having to replace the complete housing?
A. Yes. The brass sensor can be easily replaced by user if ever needed. On newer models to meet UL® Class II Div. 2 specification the assembly is sealed and cannot be replaced.
- Q. If my elevator casing is thicker than ordinary, can the sensor still be installed?
A. Yes. Maxi-Tronic offers UHMW spacers at different thickness to accommodate varying casing thickness.
- Q. Do electronic circuits work in fail-safe operation?
A. Yes. If the PC Board fails, sensor fails, wiring is damaged, etc., the electronics will signal as if that station has a belt rubbing against it.
- Q. Can I purchase more than one system in a single housing?
A. Yes. You can order any number of systems in one housing.
- Q. Can I purchase the belt alignment systems and have them incorporated into the HB series temperature sensing and MT motion sensor systems?
A. Yes. You can have any combination of units in one system housing.

800.659.8250

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