



TEL # 800-659-8250 FAX # 513-398-2536  
 info@maxitronic.com www.maxitronic.com

*MOTION CONTROLLERS & ACCESSORIES*

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Prices and specifications are subject to change without notice.  
 All prices FOB Waynesfield and or Mason, Ohio USA

## MT400 MOTION CONTROLLERS

| UNIT<br>TYPE       | STATIONS | PART<br>NUMBER | HOUSING<br>SIZE |
|--------------------|----------|----------------|-----------------|
| MT400A-1           | 1        | 932.404001     | A               |
| MT400A-2           | 2        | 932.410200     | B               |
| MT400A-3           | 3        | 932.410300     | E               |
| MT400A-4           | 4        | 932.410400     | F               |
| MT400A-5           | 5        | 932.410500     | G               |
| MT400A-6           | 6        | 932.410600     | G               |
| MT400A-7           | 7        | 932.410700     | J               |
| MT400A-8           | 8        | 932.410800     | J               |
| MT400A-9           | 9        | 932.410900     | K               |
| MT400A-10          | 10       | 932.411000     | K               |
| MT400A-11          | 11       | 932.411100     | L               |
| MT400A-12          | 12       | 932.412000     | L               |
| MT400A-13          | 13       | 932.413000     | H               |
| MT400A-14          | 14       | 932.414000     | H               |
| MT400A-15          | 15       | 932.415000     | H               |
| MT400A-16          | 16       | 932.416000     | H               |
|                    |          |                |                 |
| MT400A-1<br>220VAC | 1        | 932.404220     | A               |

All multiple MT400 Motion Controller units have 1 common alarm output plus an Alarm and Shutdown output for each MT400 Controller.

NEMA 3-4-12 housings are standard.

Pricing does not include motion probe, mounting flange or target disc.

Optional hour meter available - see page 14 for details.

## MULTI-MONITORING SYSTEMS

### MT400 MOTION AND MTDT24 TEMPERATURE SYSTEMS

| NUMBER OF<br>MT400 MOTION<br>INPUTS | NUMBER OF MTDT<br>TEMPERATURE<br>INPUTS | PART<br>NUMBER | HOUSING<br>SIZE |
|-------------------------------------|---|----------------|-----------------|
| 1                                   | 24                                      | 932.602124     | E               |
| 2                                   | 24                                      | 932.602224     | E               |
| 3                                   | 24                                      | 932.602324     | F               |
| 4                                   | 24                                      | 932.602424     | G               |
| 4                                   | 48                                      | 932.602448     | G               |
| 5                                   | 24                                      | 932.602524     | G               |
| 5                                   | 48                                      | 932.602548     | G               |
| 6                                   | 24                                      | 932.602624     | K               |
| 6                                   | 48                                      | 932.602648     | K               |

This temperature system uses MTDT24 Temperature Controllers and Type T Thermocouple sensors.

Multiple controller units have 1 common alarm output.

Please call for price quotes on other configurations.

Pricing does not include sensors or accessories.

Optional hour meter available - see page 14.

## MULTI-MONITORING SYSTEMS MT400 MOTION and HB/RB TEMPERATURE CONTROLLERS

| NUMBER OF<br>MT400 MOTION<br>INPUTS | NUMBER OF HB/RB<br>TEMPERATURE<br>INPUTS | PART NUMBER | HOUSING<br>SIZE |
|-------------------------------------|--|-------------|-----------------|
| 1                                   | 4 HB or RB                               | 932.410104  | E               |
| 2                                   | 8 HB or RB                               | 932.410208  | E               |
| 3                                   | 12 HB or RB                              | 932.410312  | F               |
| 4                                   | 16 HB or RB                              | 932.410416  | G               |
| 1                                   | 4 HB and 4 RB                            | 932.410108  | E               |
| 2                                   | 8 HB and 8 RB                            | 932.410216  | E               |
| 3                                   | 12 HB and 12 RB                          | 932.410324  | F               |
| 4                                   | 16 HB and 16 RB                          | 932.410432  | G               |
| 5                                   | 20 HB and 20 RB                          | 932.410540  | J               |
| 6                                   | 24 HB and 24 RB                          | 932.410648  | K               |

This temperature system uses HB/RB Temperature Controllers with PTC Thermistor and Temperature Switch sensors.

Multiple MT400 Motion Controller units have 1 common alarm output.

Multiple HB/RB controller units have 1 common alarm output for the HB inputs and 1 common alarm output for RB inputs.

Optional hour meter available - see page 14 for details.

## MULTI-MONITORING SYSTEMS MT400 MOTION and SIGNAL CONDITIONER CONTROLLERS

| NUMBER OF<br>MT400 MOTION<br>INPUTS | NUMBER OF<br>SIGNAL<br>CONDITIONER<br>TEMPERATURE<br>STATIONS | PART NUMBER | HOUSING<br>SIZE |
|-------------------------------------|---|-------------|-----------------|
| 1                                   | 4   | 932.604104  | B               |
| 1                                   | 8   | 932.604108  | B               |
| 2                                   | 8   | 932.604208  | E               |
| 2                                   | 16  | 932.604216  | E               |
| 3                                   | 12  | 932.604312  | F               |
| 3                                   | 24  | 932.604324  | G               |
| 4                                   | 16  | 932.604416  | G               |
| 4                                   | 32  | 932.604432  | J               |
| 5                                   | 20  | 932.604520  | J               |
| 5                                   | 40  | 932.604540  | K               |
| 6                                   | 24  | 932.604624  | K               |
| 6                                   | 48  | 932.604648  | K               |

This temperature system uses SIGNAL CONDITIONERS with PTC Thermistor sensors.

Multiple MT400 Motion Controller units have 1 common alarm output.

Each Signal Conditioner sensor input has a dry contact (N.O. and N.C.) output plus a Red LED (alarm) and Green LED (normal) on the housing door.

Optional hour meter available - see page 14 for details.

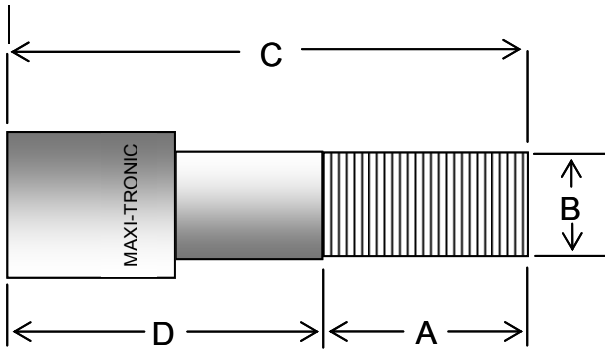
## MT300/MT400 PARTS AND ACCESSORIES

| DESCRIPTION  | PART NUMBER |
|--|-------------|
| 1" Ø MOTION PROBE, SEALED W/6' CABLE                           | 945.000310  |
| 2.5" Ø MOTION PROBE, CONNECTOR TYPE                            | 945.000325  |
| 2.5" Ø MOTION PROBE, SEALED W/10' CABLE                        | 945.000326  |
| 3" Ø MOTION PROBE, CONNECTOR TYPE                              | 945.000330  |
| 3" Ø MOTION PROBE, SEALED W/10' CABLE                          | 945.000331  |
| 3.5" Ø MOTION PROBE, CONNECTOR TYPE                            | 945.000335  |
| 3.5" Ø MOTION PROBE, SEALED W/10' CABLE                        | 945.000336  |
|  |             |
| MOUNTING FLANGE FOR 1" PROBE                                   | 935.000010  |
| MOUNTING FLANGE FOR 2.5" PROBE                                 | 935.000025  |
| MOUNTING FLANGE FOR 3" PROBE                                   | 935.000030  |
| MOUNTING FLANGE FOR 3.5" PROBE                                 | 935.000035  |
|  |             |
| LOCKNUT FOR 2.5" PROBE   | 941.002025  |
| LOCKNUT FOR 3" PROBE   | 941.002030  |
| LOCKNUT FOR 3.5" PROBE   | 941.002035  |
|  |             |
| EZMOUNT HOUSING, NO MOTION SENSOR                              | 945.000200  |
| EZMOUNT ASSEMBLY WITH MT300/MT400 SENSOR                       | 945.000201  |
| EZMOUNT MT300/MT400 MOTION SENSOR (ONLY)                       | 945.000210  |
| EZMOUNT ASSEMBLY WITH PULSE OUTPUT SENSOR PNP                  | 945.000202  |
| EZMOUNT ASSEMBLY WITH PULSE OUTPUT SENSOR NPN                  | 945.000203  |
| EZMOUNT INDUCTIVE PULSE OUTPUT SENSOR 24V (PNP)                | 945.000215  |
| EZMOUNT INDUCTIVE PULSE OUTPUT SENSOR 24V (NPN)                | 945.000216  |
| EZMOUNT MAGNETIC MOUNT   | 945.000225  |
|  |             |
| <b>MT300</b> CIRCUIT BOARD USED WITH 80-105% METER             | 945.001301  |
| <b>MT300</b> CIRCUIT BOARD USED WITH 75-125% METER             | 945.001300  |
| <b>MT400</b> CIRCUIT BOARD DIGITAL DISPLAY STYLE <b>120VAC</b> | 932.404008  |
| <b>MT400</b> CIRCUIT BOARD DIGITAL DISPLAY STYLE <b>240VAC</b> |             |
| <b>MT400</b> CIRCUIT BOARD LED STYLE <b>120VAC</b>             | 932.404010  |
| <b>MT400</b> CIRCUIT BOARD LED STYLE <b>240VAC</b>             |             |
|  |             |
| MT300 REPLACEMENT METER: 80-105% ANALOG METER                  | 942.000080  |
| MT400 DIGITAL PERCENT METER, DISPLAY BOARD                     | 942.000085  |
| MT400 DIGITAL PERCENT METER, PANEL MOUNT                       | 942.000086  |
|  |             |
| BEZEL FOR PANEL MOUNT LED, CHROME                              | 941.001007  |
| LENS FOR LED, CLEAR  | 941.001003  |
| LED, GREEN   | 941.001000  |
| LED, RED   | 941.001001  |
|  |             |
| CALIBRATION POTENTIOMETER (25K Ohm)                            | 945.004000  |
| REPLACEMENT KEY FOR ALL RITTAL TYPE HOUSINGS                   | 940.000000  |

Motion Probes do not come with mounting flange or lock nut

**CONTROL HOUSING DIMENSIONS**

| <u>SIZE</u> | <u>H</u> | <u>W</u> | <u>D</u> |
|-------------|----------|----------|----------|
| A           | 12"      | 8"       | 5"       |
| B           | 12"      | 15"      | 6"       |
| C           | 12"      | 15"      | 8"       |
| D           | 15"      | 15"      | 8"       |
| E           | 24"      | 15"      | 8"       |
| F           | 24"      | 24"      | 8"       |
| G           | 30"      | 24"      | 8"       |
| H           | 40"      | 40"      | 12"      |
| I           | 55"      | 40"      | 12"      |
| J           | 30"      | 30"      | 8"       |
| K           | 40"      | 32"      | 12"      |
| L           | 30"      | 40"      | 8"       |
| M           | 20"      | 20"      | 8"       |
| N           | 48"      | 32"      | 12"      |
| O           | 7"       | 5"       | 3"       |
| P           | 9"       | 7"       | 3"       |
| Q           | 10"      | 8"       | 5"       |
| R           | 7"       | 7"       | 5"       |



**PROBE DIMENSIONS**

| PART #    | 945.000310 | 945.000325 | 945.000330 | 945.000335 |
|-----------|------------|------------|------------|------------|
| DIMENSION | 1.0"       | 2.5"       | 3.0"       | 3.5"       |
| A         | 3.125      | 5.50       | 5.375      | 6.0625     |
| B         | 1.25       | 2.25       | 2.875      | 3.50       |
| C         | 4.00       | 8.25       | 9.00       | 10.125     |
| D         | .875       | 2.75       | 3.5625     | 4.0625     |

**MOTION SENSOR CABLE  
USED WITH 2.5", 3", AND 3.5" PROBES**

DESCRIPTION

PART  
NUMBER

|  |            |
|--|------------|
| ASSEMBLED PROBE CABLE WITH MALE CONNECTOR    |            |
| PROBE CONNECTOR, MALE                        | 932.200400 |
| PROBE CABLE, 4 CONDUCTOR, BELDEN 8723 OR EQ. | 957.008723 |

**TARGET DISC**

| DESCRIPTION   | PART<br>NUMBER |
|---|----------------|
| 4"Ø x 3/8" WITH 4 TARGETS MOUNTED ON OUTER PERIMETER  | 949.000904     |
| 4"Ø x 3/8" WITH 4 TARGETS MOUNTED ON FACE             | 949.000914     |
| 4"Ø x 3/8" WITH 6 TARGETS MOUNTED ON OUTER PERIMETER  | 949.000906     |
| 4"Ø x 3/8" WITH 8 TARGETS MOUNTED ON OUTER PER.       | 949.000907     |
| 8"Ø x 3/8 ' WITH 4 TARGETS MOUNTED ON OUTER PERIMETER | 949.000908     |
| 8"Ø x 3/8 ' WITH 4 TARGETS MOUNTED ON FACE            | 949.000918     |
| STAINLESS STEEL TARGET FOR DISC                       | 949.000930     |

**MAGNETIC MOTION PROBE AND ACCESSORIES**

| DESCRIPTION                  | PART<br>NUMBER |
|------------------------------|----------------|
| 1" MAGNETIC SENSOR           | 945.000700     |
| MOUNTING FLANGE FOR 1" PROBE | 935.000010     |
| 4" MAGNETIC TARGET DISC      | 949.000915     |
| 8" MAGNETIC TARGET DISC      | 949.000919     |

**AUDIBLE ALARMS**

| DESCRIPTION   | PART<br>NUMBER           |
|---|--------------------------|
| EXTERNAL ALARM: 104 DBA, 120VAC, DUST TIGHT, WITH ALARM ENCLOSURE | 930.009018<br>930.009019 |
| EXPLOSION PROOF ALARM, 120VAC                                     | 937.003020               |
| EXPLOSION PROOF ALARM, 24VAC                                      | 937.003030               |
| OFFICE ALARM, 65DB, 120VAC  | 930.009017               |

**TIMING MODULE - TM 200**

| DESCRIPTION   | PART<br>NUMBER |
|---|----------------|
| TIMING MODULE, 2 POINT WITH HOUSING                       | 932.601712     |
| TIMING MODULE, 2 POINT CIRCUIT BOARD COMPLETE PANEL MOUNT | 945.002003     |

**EZ500 CONTROLLERS**  
**120/240 VAC**

|   | 120 VAC<br>PART # | 240 VAC<br>PART # |
|---|-------------------|-------------------|
| EZ500 CONTROLLER w/DUAL SET POINT                             | 945.000501        | 945.000504        |
| EZ500 CONTROLLER w/DUAL SET POINT and TACH/PULSE (NPN) OUTPUT | 945.000502        | 945.000505        |

**EZ500 CONTROLLERS**  
**12/24 VDC**

|   | 12 VDC<br>PART # | 24 VDC<br>PART # |
|---|------------------|------------------|
| EZ500 CONTROLLER w/DUAL SET POINT                             | 945.000511       | 945.000514       |
| EZ500 CONTROLLER w/DUAL SET POINT and RS485 OUTPUT            | 945.000513       | 945.000516       |
| EZ500 CONTROLLER w/DUAL SET POINT and TACH/PULSE (NPN) OUTPUT | 945.000512       | 945.000515       |

**EZ500 REPLACEMENT PARTS**  
**FOR 120/240 VAC**

|   | 120 VAC<br>PART # | 240 VAC<br>PART # |
|---|-------------------|-------------------|
| EZ MOUNT HOUSING FOR EZ500 SERIES SENSORS                 | 945.000500        | 945.000500        |
|   |                   |                   |
| EZ500 MODULE w/DUAL SET POINT                             | 945.100501        | 945.100504        |
| EZ500 MODULE w/DUAL SET POINT and TACH/PULSE (NPN) OUTPUT | 945.100502        | 945.100505        |

**EZ500 REPLACEMENT PARTS**  
**12/24 VDC**

|   | 12 VDC<br>PART # | 24 VDC<br>PART # |
|---|------------------|------------------|
| EZ MOUNT HOUSING FOR EZ500 SERIES SENSORS                 | 945.000500       | 945.000500       |
|   |                  |                  |
| EZ500 MODULE w/DUAL SET POINT                             | 945.100511       | 945.100514       |
| EZ500 MODULE w/DUAL SET POINT and RS485 OUTPUT            | 945.100513       | 945.100516       |
| EZ500 MODULE w/DUAL SET POINT and TACH/PULSE (NPN) OUTPUT | 945.100512       | 945.100515       |

**MTDT24 DIGITAL READOUT TEMPERATURE CONTROLLER**

| DESCRIPTION   | PART NUMBER |
|---|-------------|
| MTDT-24 POINT CONTROL: SERIES 2 W/ DATA OUTPUT<br><i>WALL MOUNT, HOUSING SIZE R</i> | 932.602028  |
| MTDT-24 POINT CONTROL: SERIES 2 W/DATA OUTPUT<br><i>PANEL MOUNT</i>                 | 932.602029  |
| MTDT-48 POINT CONTROL: SERIES 2 W/DATA OUTPUT<br><i>WALL MOUNT, HOUSING SIZE B</i>  | 932.602049  |
| MTDT-24 POINT CONTROL: <i>WALL MOUNT, HOUSING SIZE R</i>                            | 932.602024  |
| MTDT-24 POINT CONTROL WITH RS-485 DATA OUTPUT:<br><i>WALL MOUNT, HOUSING SIZE R</i> | 932.602023  |
| MTDT-24 POINT CONTROL: <i>PANEL MOUNT</i>   | 932.602025  |
| MTDT-24 POINT CONTROL: <i>PANEL MOUNT W/RS485</i>                                   | 932.602022  |
| MTDT-48 POINT CONTROL: <i>WALL MNT, HOUSING SIZE B</i>                              | 932.602048  |
| LATCHING RELAY CONTROL BOARD-12 INPUT   | 945.002012  |
| MTDT-24 REPLACEMENT MUX SWITCH  | 948.000890  |
| 25 PIN D-SUB CONNECTOR WITH CABLE   | 932.200125  |

This temperature system uses Type T Thermocouple sensors only.

**BEARING TEMPERATURE AND BELT MISALIGNMENT MONITORS**

| UNIT TYPE | NUMBER OF STATIONS | PART NUMBER | HOUSING SIZE |
|-----------|--------------------|-------------|--------------|
| HB/RB-4   | 4                  | 932.400004  | A            |
| HB/RB-5   | 5                  | 932.400005  | A            |
| HB/RB-6   | 6                  | 932.400006  | A            |
| HB/RB-7   | 7                  | 932.400007  | A            |
| HB/RB-8   | 8                  | 932.400008  | A            |
| HB/RB-9   | 9                  | 932.400009  | B            |
| HB/RB-10  | 10                 | 932.400010  | B            |
| HB/RB-11  | 11                 | 932.400011  | B            |
| HB/RB-12  | 12                 | 932.400012  | B            |
| HB/RB-13  | 13                 | 932.400013  | B            |
| HB/RB-14  | 14                 | 932.400014  | B            |
| HB/RB-15  | 15                 | 932.400015  | B            |
| HB/RB-16  | 16                 | 932.400016  | B            |
| HB/RB-20  | 20                 | 932.400020  | E            |
| HB/RB-24  | 24                 | 932.400024  | E            |
| HB/RB-28  | 28                 | 932.400028  | E            |
| HB/RB-32  | 32                 | 932.400032  | E            |

This temperature system is for use with PTC Thermistor and Temperature Switch sensors only.

All HB/RB units are standard NEMA 3-4-12 housings and have 1" square indicators with station identification in lens.

For stations above 32 or for other types of NEMA housings please call for quote.

Units can be supplied with dry contact N/O or N/C relay outputs for each input.

Optional hour meter available - see page 14 for details

**"HB" HOT-BEARING TEMPERATURE SENSOR HOUSINGS**

| DESCRIPTION  | PART NUMBER |
|--|-------------|
| <b>1/8" NPT GREASE FITTING SENSOR HOUSING, STAINLESS STEEL</b>         | 937.002018  |
| <b>1/8" NPT 1" EXT. GREASE FITTING SENSOR HOUSING, STAINLESS STEEL</b> | 937.002118  |
| <b>1/4" NPT GREASE FITTING SENSOR HOUSING, STAINLESS STEEL</b>         | 937.002014  |
| <b>3/8" NPT GREASE FITTING SENSOR HOUSING, STAINLESS STEEL</b>         | 937.002038  |

**DRAIN PLUG TEMPERATURE SENSORS**

| DESCRIPTION   | PART NUMBER |
|---|-------------|
| <b>3/8" NPT (DRAIN PLUG) SENSOR HOUSING W/PTC THERMISTOR, STAINLESS STEEL</b>                       | 948.001000  |
| <b>3/8" NPT (DRAIN PLUG) SENSOR HOUSING W/TYPE T THERMOCOUPLE, STAINLESS STEEL</b>                  | 948.001002  |
| <b>3/8" NPT (DRAIN PLUG) SENSOR HOUSING W/100 <math>\Omega</math> PLATINUM RTD, STAINLESS STEEL</b> | 948.001003  |

**FLAT PACK TEMPERATURE SENSORS**

| DESCRIPTION   | PART NUMBER |
|---|-------------|
| <b>FLAT PACK SENSOR, 130° PTC THERMISTOR, 6" LEAD W/O FITTINGS</b>                        | 945.005350  |
| <b>FLAT PACK SENSOR, TYPE T THERMOCOUPLE, 5' LEAD</b>                                     | 945.000351  |
| <b>FLAT PACK SENSOR, 130° PTC THERMISTOR, 5' LEAD WITH CONDUIT FITTINGS</b>               | 945.005360  |
| <b>FLAT PACK SENSOR, 100 <math>\Omega</math> 2 WIRE RTD, 5' LEAD</b>                      | 945.005365  |
| <b>FLAT PACK SENSOR, 100 <math>\Omega</math> 3 WIRE RTD, 5' LEAD</b>                      | 945.005366  |
| <b>FLAT PACK TEMPERATURE SWITCH, N/C, 140° F TRIP (YELLOW), W/ 6' TWO CONDUCTOR LEAD</b>  | 948.000507  |
| <b>FLAT PACK TEMPERATURE SWITCH, N/O, 140° F TRIP W/ 6' FOUR CONDUCTOR LEAD</b>           | 948.000514  |
| <b>FLAT PACK TEMPERATURE SWITCH, N/C, 160° F TRIP (BLACK), W/ 6' TWO CONDUCTOR LEAD</b>   | 948.000509  |
| <b>FLAT PACK TEMPERATURE SWITCH, N/C, 160° F TRIP W/ 6' FOUR CONDUCTOR LEAD</b>           | 948.000530  |
| <b>FLAT PACK TEMPERATURE SWITCH, N/O, 170° F TRIP (ORANGE), W/ 6' FOUR CONDUCTOR LEAD</b> | 948.000506  |

Please call for other configurations.

**"HB" HOT-BEARING TEMPERATURE SENSOR INSERTS**

| DESCRIPTION                                 | PART NUMBER |
|---|-------------|
| HB INSERT 1.5" W/130° PTC THERMISTOR        | 938.015148  |
| HB INSERT 2.0" W/130° PTC THERMISTOR        | 938.020148  |
| HB INSERT 2.5" W/130° PTC THERMISTOR        | 938.025148  |
| HB INSERT 2.75" W/130° PTC THERMISTOR       | 938.027140  |
| HB INSERT 3.0" W/130° PTC THERMISTOR        | 938.030148  |
| HB INSERT 3.5" W/130° PTC THERMISTOR        | 938.035148  |
| HB INSERT 4.0" W/130° PTC THERMISTOR        | 938.040148  |
| HB INSERT 4.5" W/130° PTC THERMISTOR        | 938.035245  |
| HB INSERT 1.5" W/TYPE T THERMOCOUPLE        | 938.020149  |
| HB INSERT 2.0" W/TYPE T THERMOCOUPLE        | 938.020150  |
| HB INSERT 2.5" W/TYPE T THERMOCOUPLE        | 938.020151  |
| HB INSERT 2.75" W/TYPE T THERMOCOUPLE       | 938.020161  |
| HB INSERT 3.0" W/TYPE T THERMOCOUPLE        | 938.020152  |
| HB INSERT 3.5" W/TYPE T THERMOCOUPLE        | 938.020162  |
| HB INSERT 4.0" W/TYPE T THERMOCOUPLE        | 938.020153  |
| HB INSERT 4.5" W/TYPE T THERMOCOUPLE        | 938.020163  |
| HB INSERT 1.5" W/100Ω PLATINUM RTD, 2WIRE   | 938.020154  |
| HB INSERT 2.0" W/100Ω PLATINUM RTD, 2 WIRE  | 938.020155  |
| HB INSERT 2.5" W/100Ω PLATINUM RTD, 2 WIRE  | 938.020156  |
| HB INSERT 2.75" W/100Ω PLATINUM RTD, 2 WIRE | 938.020159  |
| HB INSERT 3.0" W/100Ω PLATINUM RTD, 2 WIRE  | 938.020157  |
| HB INSERT 3.5" W/100Ω PLATINUM RTD, 2 WIRE  | 938.035150  |
| HB INSERT 4.0" W/100Ω PLATINUM RTD, 2 WIRE  | 938.020158  |
| HB INSERT 4.5" W/100Ω PLATINUM RTD, 2 WIRE  | 938.035246  |
| HB INSERT 1.5" W/100Ω PLATINUM RTD, 3 WIRE  | 938.036150  |
| HB INSERT 2.0" W/100Ω PLATINUM RTD, 3 WIRE  | 938.036200  |
| HB INSERT 2.5" W/100Ω PLATINUM RTD, 3 WIRE  | 938.036250  |
| HB INSERT 2.75" W/100Ω PLATINUM RTD, 3 WIRE | 938.036275  |
| HB INSERT 3.0" W/100Ω PLATINUM RTD, 3 WIRE  | 938.036300  |
| HB INSERT 3.5" W/100Ω PLATINUM RTD, 3 WIRE  | 938.036350  |
| HB INSERT 4.0" W/100Ω PLATINUM RTD, 3 WIRE  | 938.036400  |
| HB INSERT 4.5" W/100Ω PLATINUM RTD, 3 WIRE  | 938.036450  |

**HB/RB ACCESSORIES AND REPLACEMENT PARTS**

| DESCRIPTION  | PART NUMBER |
|--|-------------|
| HB SENSOR SLOTTED SCREW DRIVER                                     | 948.000350  |
| REPLACEMENT LENS FOR CONTROLLER INDICATORS                         | 941.001004  |
| REPLACEMENT SOCKET FOR CONTROLLER INDICATORS                       | 948.000800  |
| REPLACEMENT PUSH BUTTON SWITCH FOR "SILENCE",<br>"TEST", & "RESET" | 945.006000  |
| REPLACEMENT PUSH BUTTON SWITCH CONTACT BLOCK                       | 948.000900  |
| REPLACEMENT LAMP #386  | 931.200000  |

**HORIZONTAL BELT MISALIGNMENT SENSORS**

| DESCRIPTION  | PART NUMBER |
|--|-------------|
| COMPLETE, 2" X 3" OFFSET STYLE, PTC THERMISTOR             | 948.000620  |
| COMPLETE, 2" X 3" OFFSET STYLE, TYPE T                     | 948.000621  |
| COMPLETE, 2" X 3" OFFSET STYLE, RTD                        | 948.000622  |
| COMPLETE, 2" X 3" OFFSET STYLE, 140°N/C TEMPERATURE SWITCH | 948.000623  |

**BELT MISALIGNMENT SENSORS**

| DESCRIPTION   | PART NUMBER |
|---|-------------|
| COMPLETE, 1" x 4", TYPE T THERMOCOUPLE W/ JUNCTION BOX                          | 948.000611  |
| BRASS ONLY, 1" x 4", TYPE T THERMOCOUPLE  | 948.000612  |
| COMPLETE, 1" x 4", 100Ω PLATINUM RTD, 2 WIRE, W/ JUNCTION BOX                   | 948.000604  |
| BRASS ONLY, 1" x 4", 100Ω PLATINUM RTD, 2 WIRE                                  | 948.000603  |
| COMPLETE, 1" x 4", 100Ω PLATINUM RTD, 3 WIRE, W/ JUNCTION BOX                   | 948.000634  |
| BRASS ONLY, 1" x 4", 100Ω PLATINUM RTD, 3 WIRE                                  | 948.000633  |
| COMPLETE, 1" x 4", PTC THERMISTOR, W/ JUNCTION BOX                              | 948.000605  |
| BRASS ONLY, 1" x 4", PTC THERMISTOR   | 948.000505  |
| COMPLETE, 2" x 4", PTC THERMISTOR, W/ JUNCTION BOX                              | 948.000600  |
| BRASS ONLY, 2" x 4", PTC THERMISTOR   | 948.000500  |
| COMPLETE, 2" x 6", PTC THERMISTOR, W/ JUNCTION BOX                              | 948.000610  |
| BRASS ONLY, 2" x 6", PTC THERMISTOR   | 948.000510  |
| BELT MISALIGNMENT TEMPERATURE SWITCH, N/C, 140° F TRIP, 1.5" X 4", COMPLETE     | 948.000508  |
| BELT MISALIGNMENT TEMPERATURE SWITCH, N/C, 140° F TRIP, 2" X 4", COMPLETE       | 948.000518  |
| BELT TRACKER N/C-N/O CONTACTS COMPLETE  | 948.000720  |
| REPLACEMENT, COMPLETE, 2" ROUND SENSOR, PTC THERMISTOR, W/ 6' ARMORED LEAD      | 948.000608  |
| REPLACEMENT, COMPLETE, 2" ROUND SENSOR, TYPE T THERMOCOUPLE, W/ 6' ARMORED LEAD | 948.000609  |

**BELT MISALIGNMENT ACCESSORIES**

| DESCRIPTION                  | PART<br>NUMBER |
|------------------------------|----------------|
| SPACER BLOCK: 3/8" x 1" x 4" | 948.000038     |
| SPACER BLOCK: 1/4" x 1" x 4" | 948.000014     |
| SPACER BLOCK: 1/2" x 1" x 4" | 948.000012     |
| SPACER BLOCK: 1" x 1" x 4"   | 948.000100     |
| MOUNTING FLANGE: 2.5" x 2.5" | 935.000040     |
| REPLACEMENT BRASS BOLT       | 931.100000     |

**HB/RB SENSOR CONTROL WIRE**

| DESCRIPTION                                  | PART<br>NUMBER |
|--|----------------|
| 6 CONDUCTOR THERMOCOUPLE EXTENSION LEADWIRE  | 810.060000     |
| 12 CONDUCTOR THERMOCOUPLE EXTENSION LEADWIRE | 810.120000     |
| 18 CONDUCTOR THERMOCOUPLE EXTENSION LEADWIRE | 810.180000     |
| THERMOCOUPLE WIRE CRIMPS                     |                |

**CONDUIT CAPACITIES**

Capacities of sensor/thermocouple cables in conduit

| CONDUIT<br>DIAMETER | 6TC<br>Leadwire | 12TC<br>Leadwire | 18TC<br>Leadwire |
|---------------------|-----------------|------------------|------------------|
| 1/2"                | 6               | 3                | 3                |
| 3/4"                | 14              | 5                | 5                |
| 1"                  | 20              | 11               | 10               |
| 1 1/4"              | 40              | 20               | 18               |
| 1 1/2"              | 60              | 30               | 27               |
| 2"                  | 80              | 44               | 40               |

**HB/RB CONTROLLER CIRCUIT BOARDS**

| DESCRIPTION            | PART<br>NUMBER |
|------------------------|----------------|
| 8-INPUT CIRCUIT BOARD  | 945.001008     |
| 16-INPUT CIRCUIT BOARD | 945.001016     |

**MAXITRACK™**  
**REMOTE HAZARD MONITORING**

MaxiTrack works with most MT400 and MTDT 24 controls to monitor the motion and temperature status of material handling equipment. The at-a-glance display provides current conditions. Alarm notification are provided via: audible and visible computer indicators, cell-phone messaging and email. A wireless option provides up to 1 mile (line-of-site) connectivity from equipment to PC. The EchoTrack Remote Display displays current conditions and alarm messages at remote locations.

| DESCRIPTION  | PART NUMBER |
|--|-------------|
| MAXITRACK INDOOR SERVER RADIO W/POWER SUPPLY   | 942.000430  |
| MAXITRACK SERVER RADIO IN WEATHER PROOF HOUSING, POWER SUPPLY AND ISOLATED RS232-RS485 CONVERTER       | 942.000410  |
| MAXITRACK CLIENT RADIO IN WEATHER PROOF HOUSING, FOR USE WITH 942.000430 OR 942.000410 SERVER RADIO    | 942.000405  |
| MAXITRACK RELAY RADIO SET , WEATHER PROOF HOUSING  | 942.000412  |
| MAXITRACK MT400 INTERFACE MODULE DIN RAIL MOUNT, FOR UP TO 3 MT400 CONTROLLERS PER MODULE              | 942.000420  |
| ECHOTRACK REMOTE DISPLAY - WIRELESS MODEL FOR USE WITH 942.000430 OR 942.000410 SERVER RADIO           | 934.000001  |
| ECHOTRACK REMOTE DISPLAY - HARD WIRED MODEL  | 934.000002  |
| ISOLATED RS-485 TO RS-232 CONVERTER WITH POWER SUPPLY  | 942.000440  |
| ISOLATED RS-485 TO USB CONVERTER WITH POWER SUPPLY   | 942.000441  |
| MAXITRACK DIGITAL INTERFACE MODULE, FOR UP TO 3 INPUTS   | 942.000425  |
| MAXITRACK SOFTWARE   | 942.000380  |
| COMMUNICATION WIRE, 2 TWISTED PAIR FOR REMOTE RADIO OR HARDWIRED SYSTEMS AT DISTANCES OF 1' TO 150'    | 957.008723  |
| COMMUNICATION WIRE, 4 TWISTED PAIR FOR REMOTE RADIO OR HARDWIRED SYSTEMS AT DISTANCES OF 150' TO 2000' | 957.009845  |

**SIGNAL CONDITIONERS**

| DESCRIPTION  | PART NUMBER |
|--|-------------|
| SC-4 SIGNAL CONDITIONER CIRCUIT BOARD. FOR USE WITH PTC THERMISTOR SENSORS ONLY. LED ALARM INDICATORS ON CIRCUIT BOARD.    | 945.002004  |
| SC-4 SIGNAL CONDITIONER CIRCUIT BOARD. FOR USE WITH PTC THERMISTOR SENSORS ONLY. FOR LED ALARM INDICATORS ON HOUSING DOOR. | 945.002104  |
| SC-4 SIGNAL CONDITIONER. SAME AS ABOVE. LED'S MOUNTED ON HOUSING DOOR OF NEMA 4X FIBERGLASS HOUSING.                       | 932.601706  |
| SC-8 SIGNAL CONDITIONER. SAME AS ABOVE. LED'S MOUNTED ON HOUSING DOOR OF NEMA 4X FIBERGLASS HOUSING.                       | 932.601708  |

This temperature system uses PTC Thermistor sensors.

Each Signal Conditioner sensor input has dry contact (N.O. and N.C.) outputs plus a Red (alarm) and Green (normal) LEDs.

**FM-200 FLOW MONITOR CONTROLLER**

MOUNTED IN NEMA 4X HOUSING SIZE O

| VOLTAGE | PART<br>NUMBER |
|---------|----------------|
| 12 VDC  | 932.501201     |
| 110 VAC | 932.501004     |
| 220 VAC | 932.501220     |

NEMA 7-9 units available.  
12VDC and 110-220VAC units also available.

**FLOW MONITOR SENSOR AND REPLACEMENT CIRCUIT BOARD**

| DESCRIPTION  | PART<br>NUMBER |
|--|----------------|
| SENSOR ASSEMBLY W/6' LEAD, POLY HOUSING FOR<br>FLAT OR CONVEX SURFACES | 948.000384     |
| FM 200 PRINTED CIRCUIT BOARD, 120VAC                                   | 945.002021     |

**TILT SWITCHES**

| DESCRIPTION             | PART<br>NUMBER |
|-------------------------|----------------|
| PVC 15° N/C             | 956.000400     |
| PVC 15° N/O             | 956.000401     |
| PVC 15° N/C MINI        | 956.000402     |
| PVC CONE 15° N/C        | 956.000405     |
|                         |                |
| STAINLESS 15° N/C       | 956.000525     |
| STAINLESS 15° N/O       | 956.000500     |
| STAINLESS 15° N/C MINI  | 956.000403     |
| STAINLESS FLOAT 15° N/C | 956.000600     |
| STAINLESS FLOAT 15° N/O | 956.000601     |
|                         |                |
| PVC 30° N/C             | 956.000425     |
| PVC 30° N/O             | 956.000426     |
| PVC 30° N/C MINI        | 956.000427     |
|                         |                |
| STAINLESS 30° N/C       | 956.000527     |
| STAINLESS 30° N/O       | 956.000528     |
| STAINLESS 30° N/C MINI  | 956.000428     |
|                         |                |
| PVC 45° N/C             | 956.000475     |
| PVC 45° N/O             | 956.000476     |
| PVC 45° N/C MINI        | 956.000477     |
|                         |                |
| STAINLESS 45° N/C       | 956.000530     |
| STAINLESS 45° N/O       | 956.000535     |
| STAINLESS 45° N/C MINI  | 956.000478     |
| STAINLESS FLOAT 45° N/C | 956.000605     |

**BASIC 4 CONTROL UNIT**

| DESCRIPTION                    | PART<br>NUMBER |                |
|--------------------------------|----------------|----------------|
| BASIC 4 CONTROL UNIT, COMPLETE | 932.601704     | HOUSING SIZE Q |
| BASIC 4 CIRCUIT BOARD ONLY     | 945.002005     |                |

**HOUR METER**

| DESCRIPTION              | PART NUMBER | HOUSING<br>SIZE |
|--------------------------|-------------|-----------------|
| SINGLE                   | 942.000071  | O               |
| DUAL                     | 942.000072  | O               |
| TRIPLE                   | 942.000073  | P               |
| QUAD                     | 942.000074  | P               |
| STAND-ALONE (NO HOUSING) | 942.000070  |                 |

Mounted in polycarbonate housings, Din-rail mounted.  
110 VAC

Factory installed hour meter mounted in new Maxi-Tronic control housing \$100.00 each.

**PLC/COMPUTER INPUT LOGIC RELAY BOARD**

| DESCRIPTION                | PART<br>NUMBER |
|----------------------------|----------------|
| PCB RELAY LOGIC 2 STATION  | 945.001202     |
| PCB RELAY LOGIC 4 STATION  | 945.001204     |
| PCB RELAY LOGIC 6 STATION  | 945.001206     |
| PCB RELAY LOGIC 8 STATION  | 945.001208     |
| PCB RELAY LOGIC 10 STATION | 945.001210     |
| PCB RELAY LOGIC 12 STATION | 945.001212     |
| PCB RELAY LOGIC 14 STATION | 945.001214     |
| PCB RELAY LOGIC 16 STATION | 945.001216     |