

**Application Note - Multitrode  
to M.P. Electronics Part Number  
Cross Reference Sheet**

| <u>Level Probes:</u> |             | MPE                | Multi-Trode |          |          |  |
|----------------------|-------------|--------------------|-------------|----------|----------|--|
| Part Number          | Part Number | Description        | Spacing     | MPE      | M/T      |  |
| LP-7-1-50            | 0.2/1-10    | Single Point Probe | N/A         | 50 feet  | 33 feet  |  |
| LP-19-3-50           | 0.5/3-10    | Three Point Probe  | 6 inch      | 50 feet  | 33 feet  |  |
| LP-52-10-50          | 1.0/10-10   | 10 Point Probe     | 5 inch      | 50 feet  | 33 feet  |  |
| LP-61-10-50          | 1.5/10-10   | 10 Point Probe     | 6 inch      | 50 feet  | 33 feet  |  |
| LP-79-10-50          | 2.0/10-10   | 10 Point Probe     | 8 inch      | 50 feet  | 33 feet  |  |
| LP-97-10-50          | 2.5/10-10   | 10 Point Probe     | 10 inch     | 50 feet  | 33 feet  |  |
| LP-115-10-50         | 3.0/10-10   | 10 Point Probe     | 12 inch     | 50 feet  | 33 feet  |  |
| LP-7-1-100           | 0.2/1-30    | Single Point Probe | N/A         | 100 feet | 100 feet |  |
| LP-19-3-100          | 0.5/3-30    | Three Point Probe  | 6 inch      | 100 feet | 100 feet |  |
| LP-52-10-100         | 1.0/10-30   | 10 Point Probe     | 5 inch      | 100 feet | 100 feet |  |
| LP-61-10-100         | 1.5/10-30   | 10 Point Probe     | 6 inch      | 100 feet | 100 feet |  |
| LP-79-10-100         | 2.0/10-30   | 10 Point Probe     | 8 inch      | 100 feet | 100 feet |  |
| LP-97-10-100         | 2.5/10-30   | 10 Point Probe     | 10 inch     | 100 feet | 100 feet |  |
| LP-115-10-100        | 3.0/10-30   | 10 Point Probe     | 12 inch     | 100 feet | 100 feet |  |

**Notes: MPE Probes include Small Squeegee bracket and S hook except for Single-Point Probes**

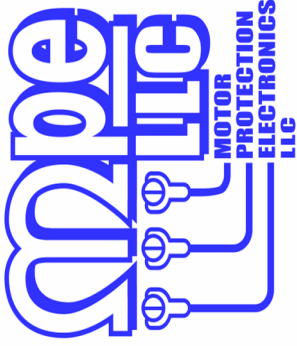


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| MPE<br>Part Number                        | Multi-Trode<br>Part Number | Description   |
|---|----------------------------|---|
| <b><u>Mounting Brackets:</u></b>          |                            |   |
| LPB-1                                     | MTAK-1                     | Sm. Brkt w/ S hook  |
| LPB-2                                     | MTAK-2                     | Lg. Brkt w/ S hook  |
| <b><u>Intrinsically Safe Barrier:</u></b> |                            |   |
| ISB-10                                    | MTISB10                    | 10 Point Intrinsically Safe Barrier   |
| <b><u>Level Probe Relay:</u></b>          |                            |   |
| LPR-1                                     | MTR3                       | Level Probe Relay, 120VAC   |
| LPR-1                                     | MTRA3                      | * Requires two LPR-1's,<br>as each LPR-1 controls only one probe point.             |
| <b><u>Indicating Controller:</u></b>      |                            |   |
| LPC420                                    |                            | 24VDC, 10 Probe inputs, 4-20mA output<br>(for app.'s that don't need relay outputs) |
| LPC420R                                   | MTIC3                      | 120VAC, 10 Probe Inputs, 4-20 mA output,<br>10 Output Relays                        |
| LPC420R                                   | MTIC5                      | 24VDC, 10 Probe Inputs, 4-20 mA output,   |

Order from: **C A Briggs Company**; 622 Mary Street; Suite 101 - Warminster, PA 18974  
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: [Sales@cabriggs.com](mailto:Sales@cabriggs.com) - [www.cabriggs.com](http://www.cabriggs.com)



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| Part Number                               | Part Number | Description   |  |  |  |
| <b><u>Back-up Controllers:</u></b>        |             |   |  |  |  |
| Duplexer p/n                              | SAFE-FS     | 120VAC, Duplex, SCADA-Ready, Level Probe Controller that can                  |  |  |  |
| 010-120-122P                              |             | be used with two PMR's (Pump monitoring Relays) if needed.                    |  |  |  |
| ISD-X                                     | SAFE-FS     | 120VAC, Duplex, Intrinsically Safe, SCADA-Ready, Level Probe Controller that  |  |  |  |
| Panel Mt. - P                             |             | can be used with two PMR's (Pump monitoring Relays) if needed.                |  |  |  |
| DinRail - D                               |             | Optional Ethernet Port - Comes standard with RS-232 Serial Port.              |  |  |  |
| Surface Mt. - S                           |             |   |  |  |  |
| <b><u>Simple 2 Pump Controller:</u></b>   |             |   |  |  |  |
| Duplexer                                  | MTDPC3      | 120VAC, Duplex, SCADA-Ready, Level Probe / Float Controller                   |  |  |  |
| ISD-X                                     | MTDPC3      | 120VAC, Duplex, Intrinsically Safe, SCADA-Ready, Level Probe/Float Controller |  |  |  |
| SC100                                     | MTDPC3      | 120VAC, Duplex Level Controller w/ 4-20 mA level input signal                 |  |  |  |
| <b><u>Advanced 2 Pump Controller:</u></b> |             |   |  |  |  |
| SC1000                                    | MT2PC3      | 120VAC, Selectable 1 - 3 Pumps, RS232 SCADA Ready, Optional Ethernet Port     |  |  |  |
| SC2000-00                                 | MT2PC3      | 120VAC, Selectable 1 - 4 Pumps. RS232 SCADA Ready, Optional Ethernet Port     |  |  |  |



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| MPE   | Multi-Trode |  |  |
|---|-------------|--|--|
| Part Number   | Part Number | Description  |  |
| <b><u>Advanced 3 Pump Controller:</u></b>                     |             |  |  |
| SC1000  | MT3PC3      | 120VAC, Selectable 1 - 3 Pumps, RS232 SCADA Ready, Optional Ethernet Port  |  |
| SC2000-00   | MT3PC3      | 120VAC, Selectable 1 - 4 Pumps. RS232 SCADA Ready, Optional Ethernet Port  |  |
| <b><u>Advanced 2 Pump Controller for VFD Application:</u></b> |             |  |  |
| SC2000-20   | MT2PCVFD3   | 120VAC, Selectable 1 - 4 Pumps. RS232 SCADA Ready, Optional Ethernet Port  |  |
| <b><u>Advanced 3 Pump Controller for VFD Application:</u></b> |             |  |  |
| SC2000-30   | MT3PCVFD3   | 120VAC, Selectable 1 - 4 Pumps. RS232 SCADA Ready, Optional Ethernet Port  |  |
| <b><u>Pump Station Manager:</u></b>                           |             |  |  |
| SC2000-XX   | MultiSmart  | The SC2000-XX can perform many of the functions of the MultiSmart Controller, and unlike the MultiSmart Controller, the features within the SC2000-XX are all available to the customer, and do not have to be purchased individually. |  |