



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

Page 1 of 4

Level Probes:

MPE	Multi-Trode			MPE	M/T
Part Number	Part Number	Description	Spacing	Cable Length	Cable Length
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.



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

Page 2 of 4

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



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

Page 3 of 4

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



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Page 4 of 4

MPE Part Number	Multi-Trode Part Number	Description
<u>Advanced 3 Pump Controller:</u>		
SC1000	MT3PC3	120VAC, Pump Controller, Selectable 1 - 3 Pumps, RS232 SCADA Ready, Optional Ethernet Port
SC2000-00	MT3PC3	120VAC, Pump Controller, Selectable 1 - 4 Pumps. RS232 SCADA Ready, Optional Ethernet Port
<u>Advanced 2 Pump Controller for VFD Application::</u>		
SC2000-20	MT2PCVFD3	120VAC, Pump Controller, Selectable 1 - 4 Pumps. RS232 SCADA Ready, Optional Ethernet Port
<u>Advanced 3 Pump Controller for VFD Application::</u>		
SC2000-30	MT3PCVFD3	120VAC, Pump Controller, Selectable 1 - 4 Pumps. RS232 SCADA Ready, Optional Ethernet Port
<u>Pump Station Manager:</u>		
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.