

## **Municipal Electric Monitors**

## **Universal II Monitor Control System**

The Universal II Monitor Control System is the highest performing most technologically advanced monitor control system. The Universal II Control System is an intelligent embedded controller compatible with both CAN and V-MUX® multiplexed networks simplifying installation while greatly expanding user configurable options and interfaces. This system's unique design empowers you to configure your monitor system giving you simplified and total control.

- "Plug and Play" for simplified installation
- V-MUX & CAN (J1939) Compatible
- Field Upgradeable Software
- Modular Design for Simplified Maintenance
- Onboard Diagnostic Capabilities
- Real Time Monitor Position Feedback \*
- Proportional Speed Controls
- IP67 Rated Enclosure for Water & Corrosion Resistance
- \* Optional Must specify



HARNESSES FOR CONNECTING UNIVERSAL II CONTROLLER TO CAN DEVICES			
Item	Description	Length	Part Number
1	Receptacle Connector – CAN "Y" Adapter (Deutsch #DT04-3P-P007). Connects together two CAN Network Harnesses and one CAN Stub Harness.		758306
2	Plug Connector – CAN 120s Terminator (Deutsch #DT06-3S-PP01). Two are required per system and plug into the CAN "Y" Adapters at each end of the CAN network.		742205
3	CAN Network Harness – Extends the CAN network to a CAN node device (an operator station for example). Connects between two CAN "Y" Adapters.	½ ft. ( 0.15 m) 2 ft. ( 0.61 m) 3 ft. ( 0.91 m) 5 ft. ( 1.52 m) 10 ft. ( 3.05 m) 20 ft. ( 6.10 m) 30 ft. ( 9.14 m) 40 ft. (12.19 m)	721659 721667 721572 721573 721574 721570 721665 721575
4	CAN Stub Harness – Connects the CAN network to the 6032 Universal II Controller	3 ft. ( 0.91 m)	721582
5	CAN Stub Harness – Connects the CAN network to a 6035 Joystick, 6041 Switch Box or 6036 Direction Indicator. Includes power and ground wires for connecting power to the control devices.	3 ft. ( 0.91 m) 10 ft. ( 3.05 m)	721579 721677
6	CAN Stub Harness – Connects the CAN network to a 6037 CAN Wireless Module. Includes power and ground wires for connecting power to the module. Also includes four wires for switch inputs and two wires for digital outputs.	3 ft. ( 0.91 m)	721580
7	CAN Stub Harness – Connects the CAN network to a 3406 Electric Riser via the 6033 Mini Universal Controller. Includes four wires for the Extend and Retract Relay contacts.	3 ft. ( 0.91 m)	721594

