

ELECTRO INDUSTRIES - FIELD SERVICE BULLETIN

Bulletin Number 1098 Date September 19, 2006

Product Name WarmFlo Controllers – All Interface Modules, Unit to Unit Cabling

Affected Product Model Numbers: _____

Serial # _____ through _____

ARL # _____ through _____

Production Date _____ through _____

FIELD INFORMATION

Information Only – This attempts to communicate the cable pins/wire color/function for:

- Heat-on (yellow)
- HP-ODT (violet)
- E (brown/yellow)

Through a period of time the connections or cabling between WarmFlo interface modules and WarmFlo main board evolved from pigtail cable with 4-pin, 8-pin to 4-pin cable, and a 10-pin cable (both ends).

Unfortunately also through a period of time we have discovered that there are two functions or two wires within the 10-pin cable which are “crossed”. When using end to end boards which all have 10-pin connectors this is not a problem or when using the newer interface modules with a 10-pin connector and having the yellow and violet wire as a push-on tab this is not a problem. We are fortunate that the wire color is associated with the correct tab and therefore things come out okay even though the end at the 10-pin connector “moves around”.

The chart on page 2 attempts to show the history and represents the actual situation relating to pin 5 and pin 6.

Important Points

1. When using LGR4 or HP2 with either WF II or WF+ board containing the 10-pin connector there is no problem with the normally supplied wire to wire 10-pin cable (WFCBW5604).
2. When using revisions B or C WF II board with the 10-pin connector but only using the top four (remaining 10-pin is covered), there is no problem because the yellow and violet wire have push-ons and by drawings or experience the yellow always goes to the Y and the violet always goes to HP-ODT.
3. When using special adapter cable (WFCBW5605, HW325) with the LGR4 to older WarmFlo board, there also should be no problem because the yellow and violet will again be plugged into the proper tab.
4. If the application includes a single WF-LGR4 with **two** Electro-Mate/WarmFlo boards (4-pin style arrangement) and special Y cable WFCBW5603, extreme care must be used relating to the pins 5 and 6. This will need to be worked out with the installer, study cable drawing HW314 and the page 2 chart relating LGR4 column in reference to the appropriate WarmFlo board.

Approval  Date 9/20/2006

Function	WF I	WF II		WF+	UPCB6702			UPCB6704			LGR4	HP2
		Rev A (4-pin)	B & C (10-pin)		EZ2	EM2	LGR2	EZ3	EM3	LGR3		
Heat-on (yellow)	TB1 Y	Tab Y (T1)	Tab Y and J2-6	Internal "W" and J2-6	Wire Yel	Wire Yel	Wire Yel	J2-5 Yel	J2-5 Yel	J2-5 Yel	J2-6 Yel	J2-6 Yel
HP-ODT (violet)	N/A	Tab HP-ODT (T4)	Tab HP-ODT and J2-5	J2-5	N/A	N/A	N/A	J2-6	J2-6	J2-6	J2-5 Violet	J2-5 Violet
E	Tab E (T2)	Tab E (T6)	Tab E and J2-7	Tab E and J2-7	N/A	N/A	N/A	N/A	N/A	N/A	J2-7 Yel/grn	J2-7 Yel/grn