

ELECTRO INDUSTRIES - FIELD SERVICE BULLETIN

Bulletin Number 1079 Date September 24, 2002

Product Name WarmFlo, Sensors (OT and ST)

Effected Product Model Numbers: All WarmFlo II products with a terminal block connected temperature sensor.

	<u>ARL</u>	<u>Production Date</u>
EM-WU Series	762	9-24-2002
EM-WE Series	7986	9-24-2002
EB-W Series	6238	9-24-2002

FIELD INFORMATION

The sensor probes with the ½" tube and the WF II circuit boards add suppression devices to remove electrical or EMI interference on the sensor cable. These suppression components react with the cable properties which means it was necessary to set a cable length limit. Also the cable length itself represents potential EMI interference issues.

Above date, change in circuit design now allows cable length up to **50 feet**. However, products are shipped with a 5-foot supply sensor (ST) and 25-foot outdoor sensor (OT).

The increase cable length capability only applies to sensors manufactured after the above dates. If added length (previous mfg. date) is needed, order new sensor assembly and specify length.

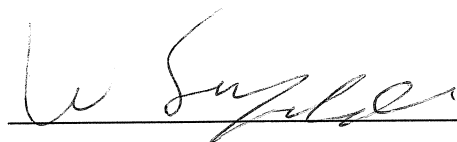
If your attempting to splice on or extend a previous 25-foot cable, typical user observation is a sensor error light or Handheld/Palm shows 32° or 0° F.

Also when field cable length is added, we do not recommend shielded cable, this simply increases the problem mentioned above. Use only twisted 3 or 4 conductor cable.

If using 4-wire twisted, ground the open or unused wire.

If using **3 twisted pairs**, ground one wire of each pair.

Approval



Date

9-24-02