



## “NOTES” APPLICATION & SERVICE

NUMBER: 19

DATE: May 22, 1998

x APPLICATION x SERVICE

**SUBJECT: DSM-4688DUS and DSM-4689DUS update**

Altronic has made a modification to the DSM-4688DUS and DSM-4689DUS to force an analog input to go to zero if the sensor input goes open. Units in the affected serial number range that have an “open” input will presently tend to follow the voltage of the previously scanned input such that an alarm may not occur. Since the DSM transducers are generally mounted in the same enclosure as the DSM, the physical protection of the enclosure makes it unlikely that the sensor input will go open circuit from a broken or disconnected wire. It is optional therefore for our customers to return these devices for updating at no charge if they so desire.

Any device returned to the factory will be revised such that an open circuit input will result in a zero voltage reading at that input. The low setpoint value can then be used to cause an alarm condition in the event of an open input. The serial numbers of the units that are candidates for this update are:

DSM-4688DUS	1,001 - 1,060
DSM-4689DUS	1,001 - 1,071