



TECHNICAL SERVICE BULLETIN

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Date: 2/4/05

Affected Model(s): LFC 3000 Fluid Inventory Control and Management System

Subject: 282871A I/O and 282872A Keypad with Isolators

Extensive research of issues that have arisen in multi-building installations of the LFC 3000 has led us to release the subject I/O and Keypad, with built in isolators. As a precaution in such installations we felt a need to provide protection to the "CAN" bus network due to various grounding methods used in buildings. It is recommended that all I/O's and keypads on the network in such installations have isolators installed to protect against different ground potentials due to possible lightening strikes. The 282871A I/O functions the same as the original 282860A, but includes the necessary isolator for special installations. The same would be true for the 282872A Keypad as compared to the original 282868A Keypad.

Wiring Changes-

The "Can" bus wiring for the 282871A and the 282872A is the exact same as their predecessors. The only exception would be that at one point in the network, either at the keypad, or the I/O, a jumper wire must be connected from the shield terminal to the green grounding wire inside of the enclosure. The single connection should be made at the component that is nearest to the center of the "Can" bus network.

If you have questions or concerns, please do not hesitate to call Lincoln Technical Services at 314/679-4200, Ext. 4782, or fax us at 314/679-HELP (4357).

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