

ule to terminate a station link and connect to a redundant controller.

The NIMF02 termination module is used in addition to the NIMF01 termination module when terminating redundant modules. Figure 1-1 shows an example redundant MFC application. Figure 1-2 shows an example Plant Loop to computer interface application. Figure 1-3 shows an example Plant Loop to Plant Loop interface application. The NIMF02 has on-board relays that allow one MFC module to communicate over the RS-232-C link during redundant operation.

### INTENDED USER

System engineers and technicians should read this manual before installing and placing the multi-function controller termination module (IMF) into operation. **Do not** put the IMF module into operation until this instruction is read and understood.

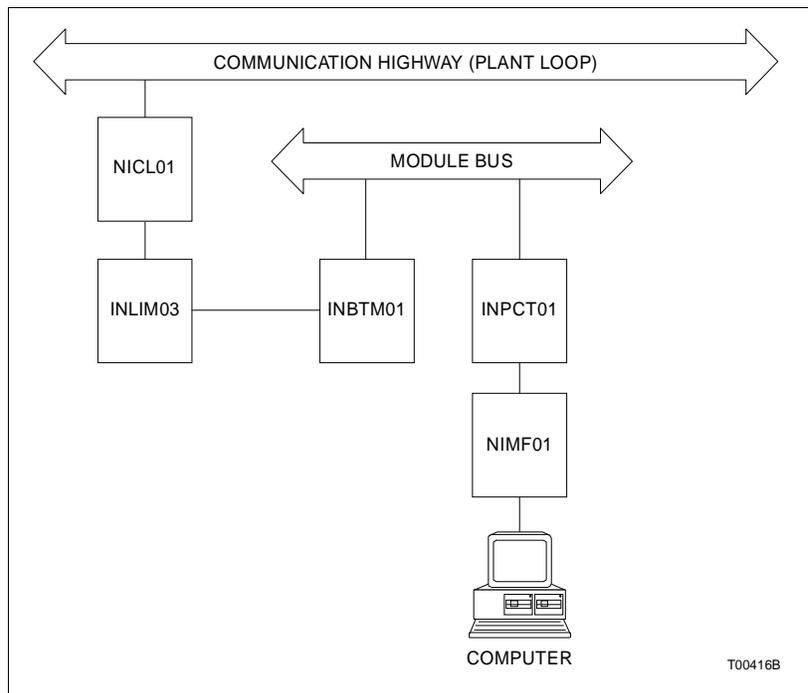


Figure 1-2. Example Plant Loop to Computer Interface Application

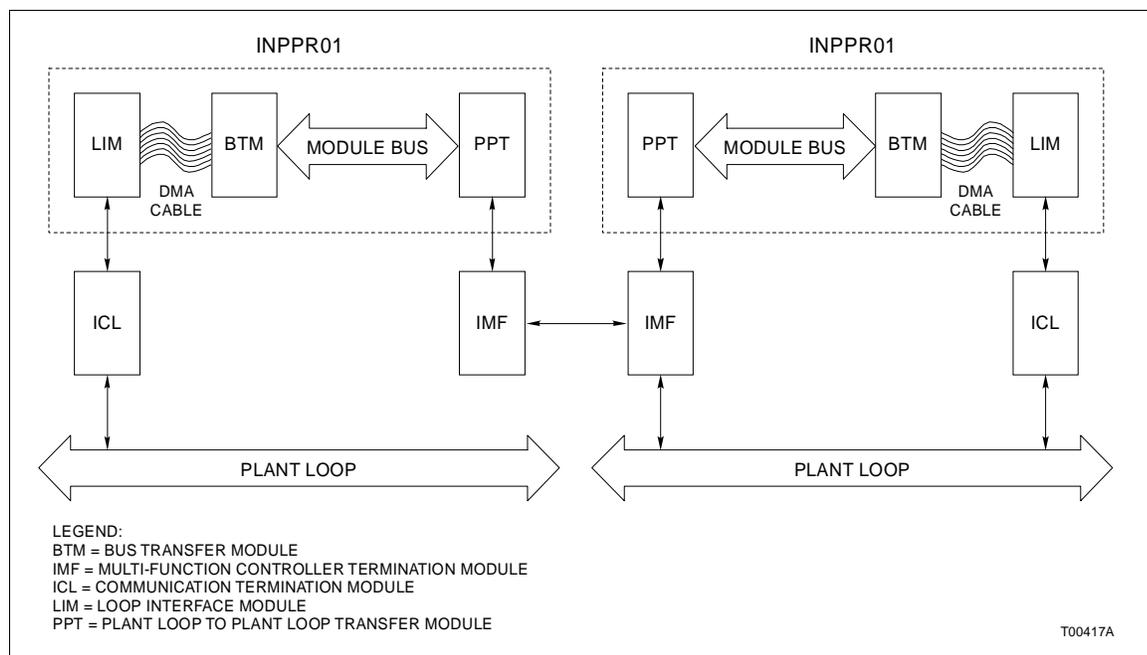


Figure 1-3. Example Plant Loop to Plant Loop Interface Application

## MODULE DESCRIPTION

The IMF module is a single printed circuit board that uses one slot in an NTMU01 or NTMU02 Termination Mounting Unit (TMU). The board contains:

- Two DB-25 connectors.
- Relays (NIMF02 only).
- Connector sockets.
- Dipshunts.
- Light emitting diode (LED).
- Power terminals.
- Serial link terminals (NIMF01 only).

## FEATURES

The IMF termination modules provide serial communication ports for modules. Dipshunts allow the termination module to be configured for operation as DTE or DCE. There is one serial link on the NIMF01 termination module that provides a communication link from a module to an analog control station or digital control station.