

DAN LIQUID MANAGEMENT SYSTEM

INSTALLATION & SET UP INSTRUCTIONS

HARDWARE INSTALLATION

LOCATION:

The box to be installed should be located in a position where it is protected from the weather. The key pad needs to be accessible for easy operation. Power supply is via a standard GPO for the power pack.

INSTALLATION:

DO NOT DRILL THE BOX There are mounting brackets attached to the box to permit fixing to a flat surface.

FUEL MANAGEMENT SYSTEM – ELECTRICAL OPERATING SEQUENCE

NORMAL OPERATION

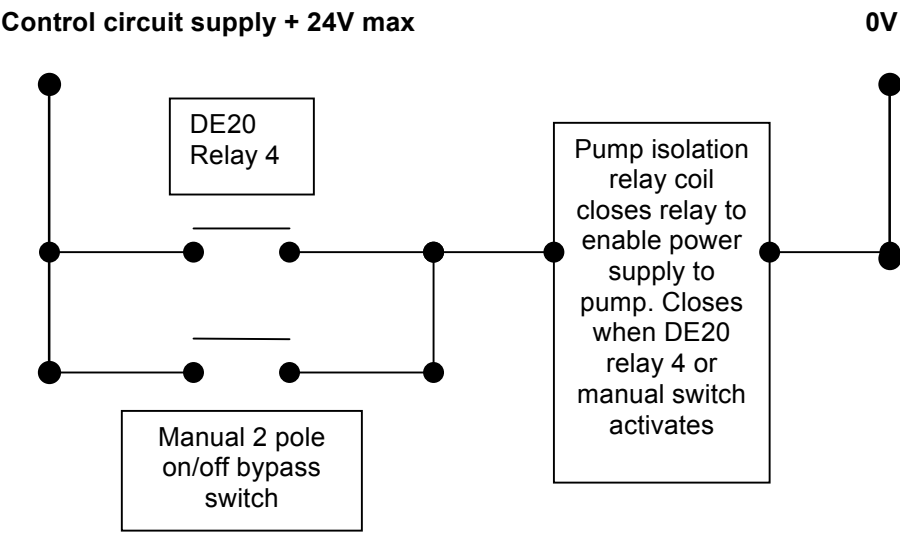
When correct input is made via the keyboard for the recording of fuel movement, the system prepares to permit and record appropriate data. At this stage, these are the steps in sequence:

1. Relay 4 closes activating the pump isolation relay solenoid thus permitting the pump to be turned on.
2. During the pumping cycle, fuel volume and temperature are recorded via digital input 1 and analogue input 1.
3. When the fuel transfer is complete, the pump is turned off which alerts the system through digital input 2. Relay 4 opens
4. At this stage no further pumping is possible until the recording of another movement is made via the key board.

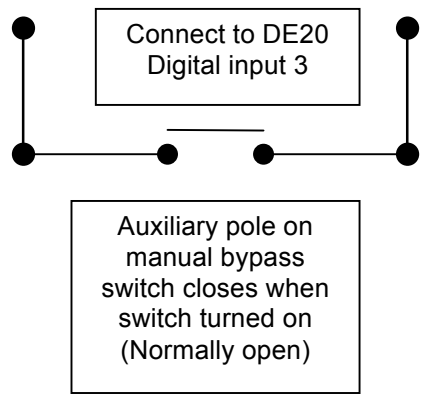
EMERGENCY OPERATION

1. Should the system fail to operate for any reason, turning the manual switch to 'on' will bypass the recording process.
2. Turning the manual switch 'on' will generate an alarm message from the system.

PUMP ISOLATION CONTROL CIRCUIT



PUMP MANUAL/AUTO STATUS CIRCUIT



PUMP ON/OFF STATUS

