

## VOLUME

**Application:** The weight of a tank mounted on 4 loadcells is measured by an SEM1600B, which takes their average output (equivalent to tank weight) and converts this into a voltage or (4 to 20) mA signal – in this example, for the DM3420 to measure as volume.

The panel meter will display the volume, level of contents or just the weight of the tank. Using a relay output on the DM3420, the weight of the tank can be monitored, and a valve activated to stop filling the tank at a pre-programmed point.



FOUR LOAD CELL INPUTS  
TO SEM1600B