

Silo Monitoring System

Features

- Continuous guided radar (TDR) level monitoring
- Digital display - silo contents and available space readings (tonnes)
- Key protected to prevent unauthorised filling
- High level/high pressure alarm with audible and visual warning
- Automatic shut off valve activated when safe fill/high pressure level reached
- Ground level alarm testing facility

The EIIGuard Silo Monitoring System

continually monitors the silo contents level and provides a digital readout of the silo contents and available space to the nearest 1/10 of a tonne. The “at a glance” readings are a valuable aid to safely managing the silo contents level.

Safe Delivery - The key protected system incorporates an automatic shut off valve which operates in conjunction with the continuous level monitoring unit. The fill pipe valve remains in a closed position until the authorised key holder opens the valve for filling.

When a preset high level is reached an alarm is triggered operating a siren and red flashing lamp to alert the delivery driver to cease filling. Within 30 seconds of the alarm being triggered the valve will automatically close. The brief time delay between triggering the alarm and closing the valve is sufficient for the driver to clear his line.

In addition a sensor monitors the fill pipe pressure. If the pressure reaches a pre-set limit the alarm is triggered and the valve closes automatically.

Once an alarm has been triggered filling can only resume when the silo pressure/level has dropped below the pre-set limits, and the system has been manually reset.

If the alarms are not triggered during filling the valve will remain open until being manually closed using the key. The key can not be removed without closing the valve, thus preventing further unauthorised filling.

Technical Details:

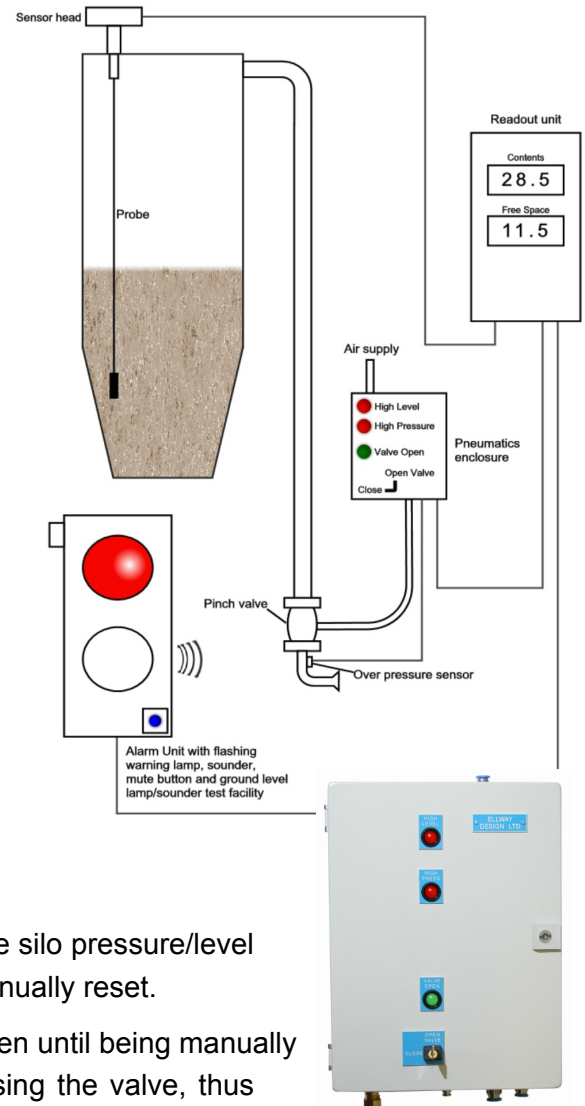
Weatherproof enclosure:

IP67 300h x 150w x 80d (mm) tank contents display

IP67 400h x 300w x 120d (mm) pneumatics enclosure

Backlit LCD displays, long life LED indicator lights

Power requirements: 110v ac or 230v ac



We install, calibrate and service all of our products. All inclusive pricing and a 12 month parts and labour warranty means you won't be left with a box of bits to install yourself. Once you make a commitment to install our equipment we are committed to supporting your installation.