

ULT-7000 series PCA COMPANY®

PISHTAZ CONTROL APADANA

Ultrasonic Level Monitoring panel, designed for industrial site, Weather Resistant (IP56), Noise Rejection, Relay & RS232 Serial & Analog output, Graphic display, easy calibration



The Ultrasonic sensor without contact with the liquid inside the tank Mounted on top of the tank and with send and receive ultrasonic wave to liquid, can measure the fluid level and send data to its Graphical LCD display ULT-7000 series. The panel is compact, robust ABS housing, designed to meet IP56 dust. Display height the tank to centimeter and display volume per cubic on GLCD. User can choose any of the panel outputs and all interfaces are active simultaneously. Easy mounting or mating with standard electrical fittings Sensor's cable to panel (ULT-7000) up to 1200 m length can be increased. The panel is robust in against noise so that it can be installed near and contact to the drive & soft start.

Features & Benefits

- ✓ Monitoring range up to 20 meters, monitor resolution is cm or mm
- ✓ 220VAC power supply
- ✓ Industrial 4-20mA current loop output
- ✓ Adjustable 0-5v or 0-10v output
- ✓ RS-485 Input for connecting to sensor and radio modems
- ✓ Compatibility with telemetry system, radio modems
- ✓ Buzzer alarm for outside the allowable range
- ✓ SMS alarm, level & status system
- ✓ Protection against moisture IP-56
- ✓ Smart surveillance systems
- ✓ Excellent for multiple sensors
- ✓ 4 relay output adjustable to any level
- ✓ RS-232 Serial interface output
- ✓ Cable between the sensor and panels up to 1200 meters
- ✓ Configurable to GSM modem
- ✓ Internal Real clock
- ✓ Design for industrial usage
- ✓ ABS Material housing
- ✓ Temperature range -20 °c to 60 °c



ULT family with part number features chart

| Model-ULT | GSM support | Analog out | 4Relay 7A out | Graphic LCD | Volume monitor | RS232 | Buzzer alarm | IP56 |
|-----------|-------------|------------|---------------|-------------|----------------|-------|--------------|------|
| 7000 | N | Y | Y | Y | Y | Y | Y | Y |
| 7200 | Y | Y | Y | Y | Y | Y | Y | Y |

Note:

- Wire and cable Should not Under tension
- Cable diameter that is used must be standardized for proper sealing
- Avoid installing the panel in the sun
- Avoid to hit the panel when installing
- The shield cable is a great solution for reject noise
- When installing panel to devices with high noise must be use isolated filter in line