

SUL812 Ultrasonic Mud Level Meter

APPLICATION

- Water supply plant: sedimentation tank
- Sewage treatment plant: primary sedimentation tank, secondary sedimentation tank, concentration tank, etc
- Coal preparation plant: sedimentation tank
- Power plant: slurry settling tank



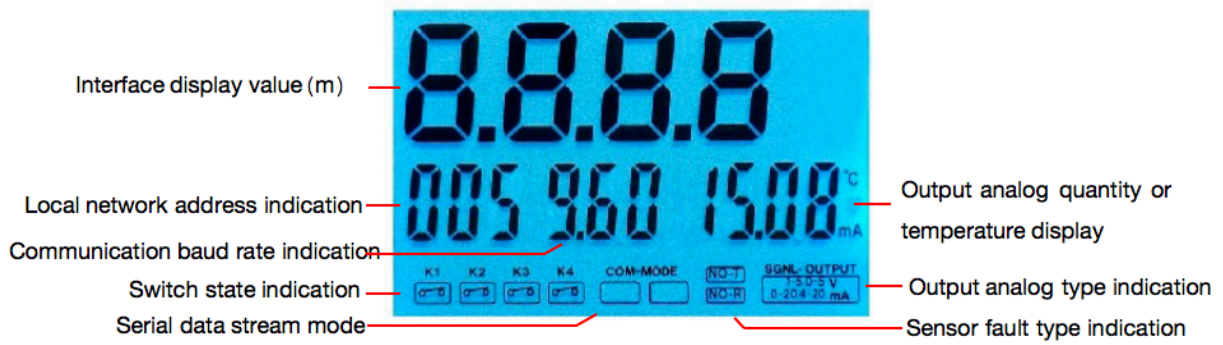
SPECIFICATION

Detection range	5m, 10m, 15m, 20m
Detection accuracy	± 1% (based on the standard plane in 20 °C water)
Detection blind area	≤ 800mm
Draft	not less than 500mm (try to avoid water fluctuation section)
Beam full angle	10 °± 2 °
Working frequency	100kHz ~ 200kHz (different according to model and specification)
Output signal	4 ~ 20mA + RS485 + upper and lower limit relay (output at the same time, customizable)
Working power supply	AC220 V / 50 Hz or DC24 V / 300 MA (to be determined when ordering)
Display mode	LCD multi information LCD + LED backlight display
Display resolution	D = 1mm / 1cm (user set)
Operation keyboard	three touch keys
Working temperature	- 10 °C ~ 50 °C
Working humidity	≤ 80% RH, no condensation
Storage temperature	- 20 °C ~ 70 °C
Storage humidity	≤ 70% RH, no condensation
Application medium	sewage
Sensor cable	10M

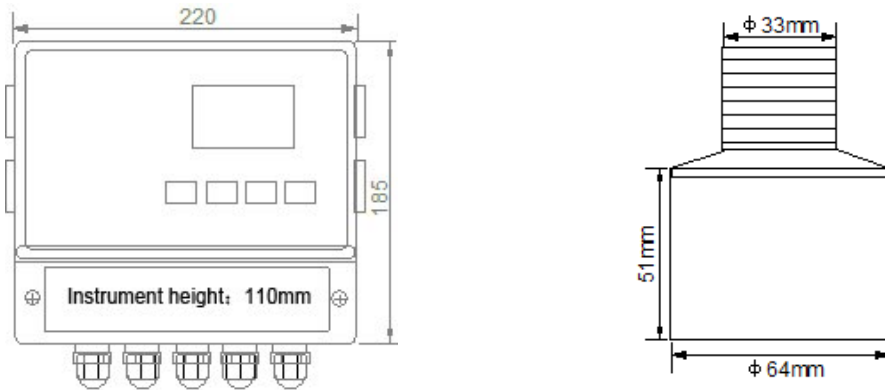
OUTLINE CONSTRUCTURE



DISPLAY INSTRUDUCTION



DIMENSION



INSTALLATION

The protection requirements of the cable should be considered in the installation of the sensor. It is suggested that the cable should be passed through the water pipe first, and then the water pipe should be screwed onto the sensor connector (it is better to wrap the sensor connector with adhesive tape and then screw the water pipe). Other external connectors should be directly connected with the water pipe. The cable should avoid the stress of the connector in the installation, so as to avoid the permanent damage of the sensor due to the cable fracture. Examples of sensor installation are as follows:

