

including adjustable stainless steel grade 316 supported cable for free hanging installation.

- B. The supply shall include indicator and all cables, accessories and fixing accessories, amplifier, transducer / transmitter, power supply unit installed in MCC panel. Sensor shall be
- a. Protection class (sensor) : IP 68, Explosion Proof
 - b. Accuracy : ± 0.5 % of calibrated span
 - c. Output signal : 4 to 20 mA
 - d. Measuring range : 500-20000 $\mu\text{S}/\text{cm}$
 - e. Conductivity level programmable digital display indicator with minimum 4 programmable relay contacts
 - f. Signal to PLC / RTU / SDADA system
 - g. High conductivity alarm

1.3.28.5 Flood Sensor

- A. Flood. / leakage sensor system shall consist of two integrated, electrode plates (one control electrode, one mass electrode), amplifier, waterproof epoxy resin enclosure, wall mounted bracket, cabling, separate electrode relay with cable break control resistor, LED controls, flashlight & horn alarm signal for outdoor installation, power supply unit, back-up battery for min. five hours operation, fixing material and accessories for sensing water at floor level in case of water leakages in the dry well pump room area.
- B. Electrode relay, power supply unit and back-up battery shall be installed in the main MCC panel. Material shall be for
- a. Electrodes Stainless Steel 1.4.571 (316Ti)
 - b. Enclosure Epoxy Resin Fixing material
 - c. Stainless Steel 1.4571
 - d. Power supply shall be 230V/50Hz A.C. and control voltage 24V DC
- C Flood detector shall be installed in dry well and along the collection of the drain channel in traffic channel application.