

3.06. REMOTE-CONTROL STATION OF DEEP WELL PUMPS

GSM-based remote-control station is designed to control deep well pumps operating on one tank in order to maintain a predetermined level of water. GSM-based RCS consists of five functional blocks: the main control unit and executive units of each pump. The main unit controls the executive ones via SMS. The executive units turn on/off deep well pumps depending on the level of water in tank.



The control station is able to provide smooth start and frequency regulation of pumping units - up to 4- at significant distances from each other within the GSM coverage.