LEVEL CONTROL TYPE EPH

HIGH - LEVEL ALARM - PUMP START/STOP

MODE OF OPERATION

The level control type ERAB EPH, consist of an amplifier box (module) and 3 electrodes. The electrodes determine the water level by measuring the difference in conductivity between steam and water.

HIGH LEVEL ALARM

The high level alarm is activated if the level rises to the electrode of the high level (electronic delay about 10 sec.). The high level alarm automatically resets, when the level falls below the electrode.

PUMP CONTROL

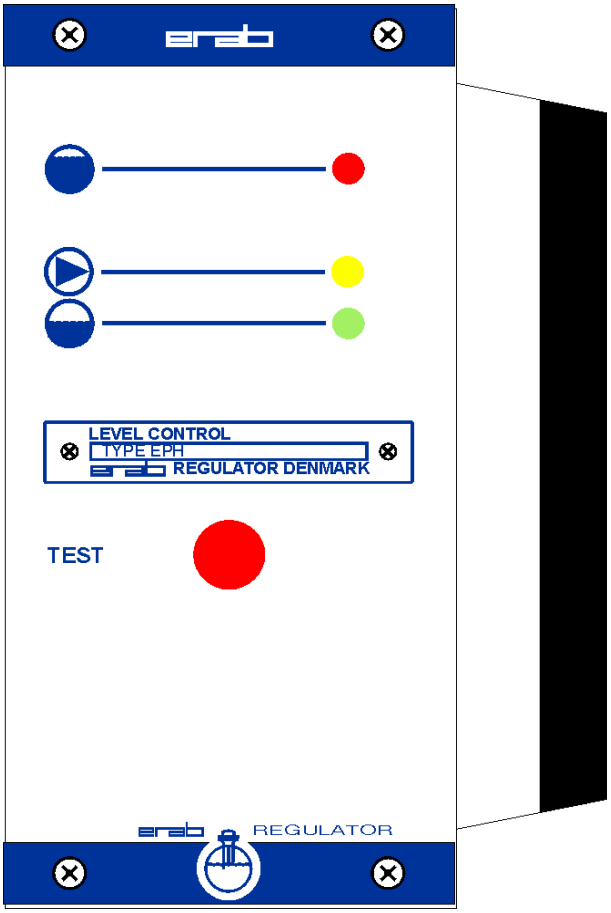
The pumps start when the level falls below the pump start electrode, and stops when the level reaches the pump stop electrode. Electronic delay approx. 5 sec. eliminates disturbances from splash and rapid level variations.

ELECTRODE

The electrode type ENT120 or SME 32.x is used in steam boilers. Electrode type ENT120 is mounted in the ERAB electrode stand with flange connection. (Standard dim.: DN100 PN40 DIN2527). Electrode stands for other dimensions and pressure, can be supplied on request. The electrode SME32 is provided with threaded connection R 1.¼" and can be mounted into a socket or supplied with flanged connections.
The length of the electrodes is determined by actual operation range.

MODULE EPH

The module is provided with a plug-in connection, and consists of unit for power supply, amplifier, time delay, relays, signal lamps (LED), and test button. The module is produced for panel or wall mounting, and is compensated against variations in the power supply, the conductivity and the ambient temperature.



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