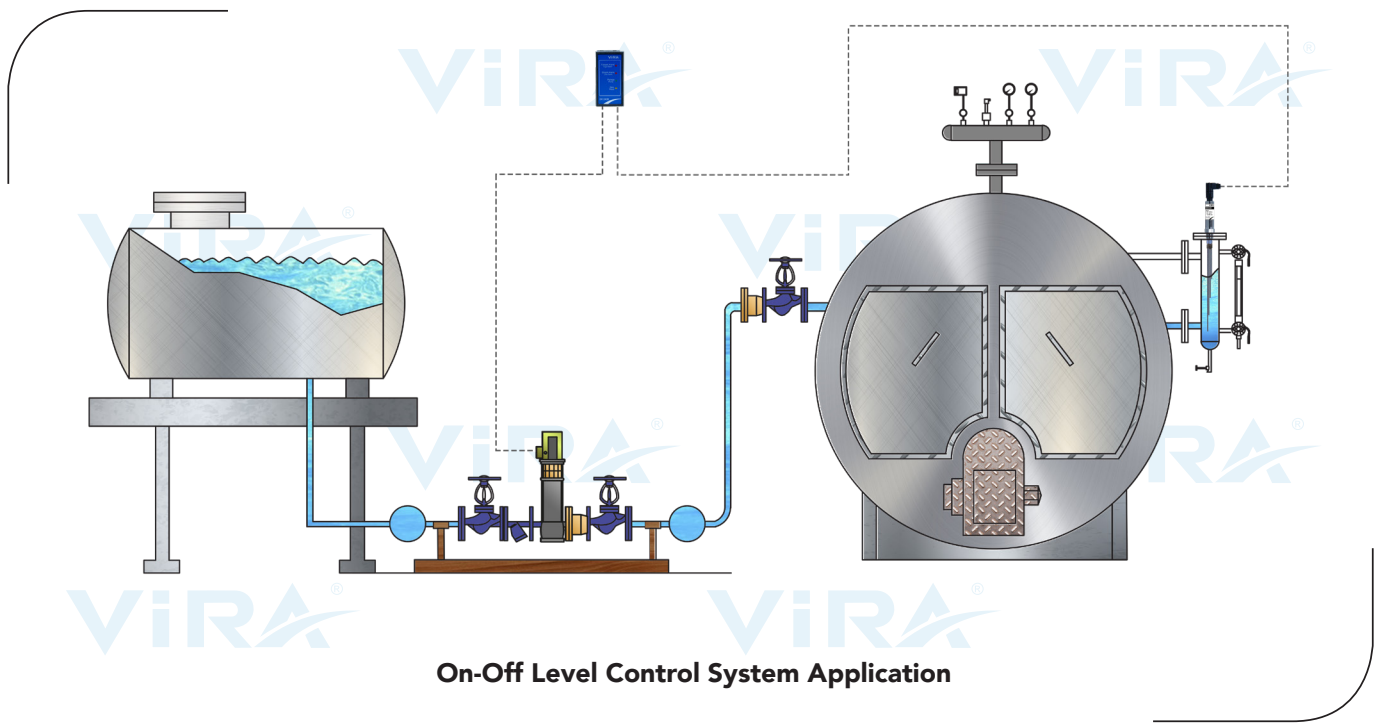


**LEVEL
CONTROL
AND ALARM
SYSTEMS**

On-Off Level Control System

On-Off Automatic Level control system consists of a conductivity probe and a controller. The feed water pump is started when the water level in the boiler reaches the specified lower level and is stopped when the water reaches the specified upper level. The working principle of the system is conductivity. The pump is allowed to start or stop depending on whether the electrodes are in contact with water.



For a safe operation, all steam boilers should have low and high level alarm systems. Additional high and low level alarms can be received from the On-Off level control system.

On-Off Level control and alarm system is used;

- In boilers with a capacity of 5,000 kg/h and less
- Where constant steam load and pressure are not critical
- In backup boilers
- Feed water tanks
- In condensate tanks

SK 2000

On-Off Level Control and Alarm System

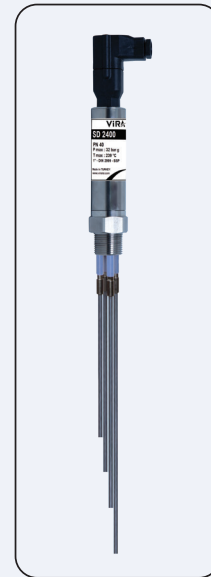
On-Off Level and Alarm Controller

- Type** : SK 2400
- Mains Supply** : 230 VAC (+5% / -10%) 50/60Hz
- Enclosure** : Panel Mounting
- Function** : Pump On-Off, High Alarm, Low Alarm
- Output** : Pump On-Off Relay, Two Alarm Relay
- Max. Ambient Temp.** : 55 °C

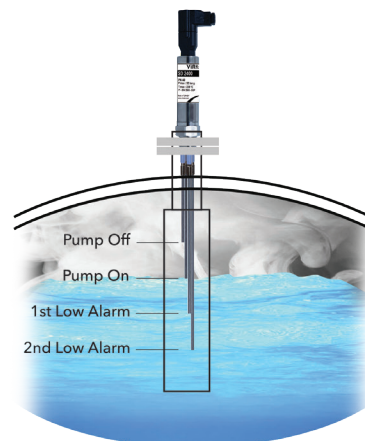
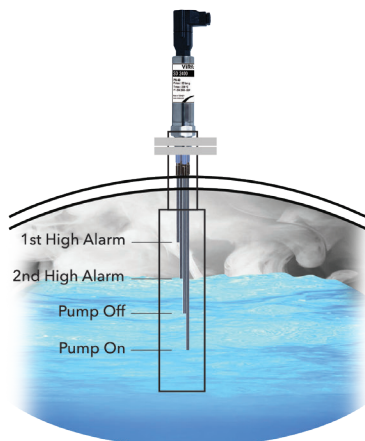
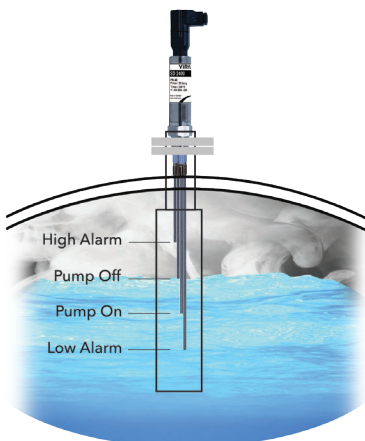


On-Off Level Control and Alarm Probe

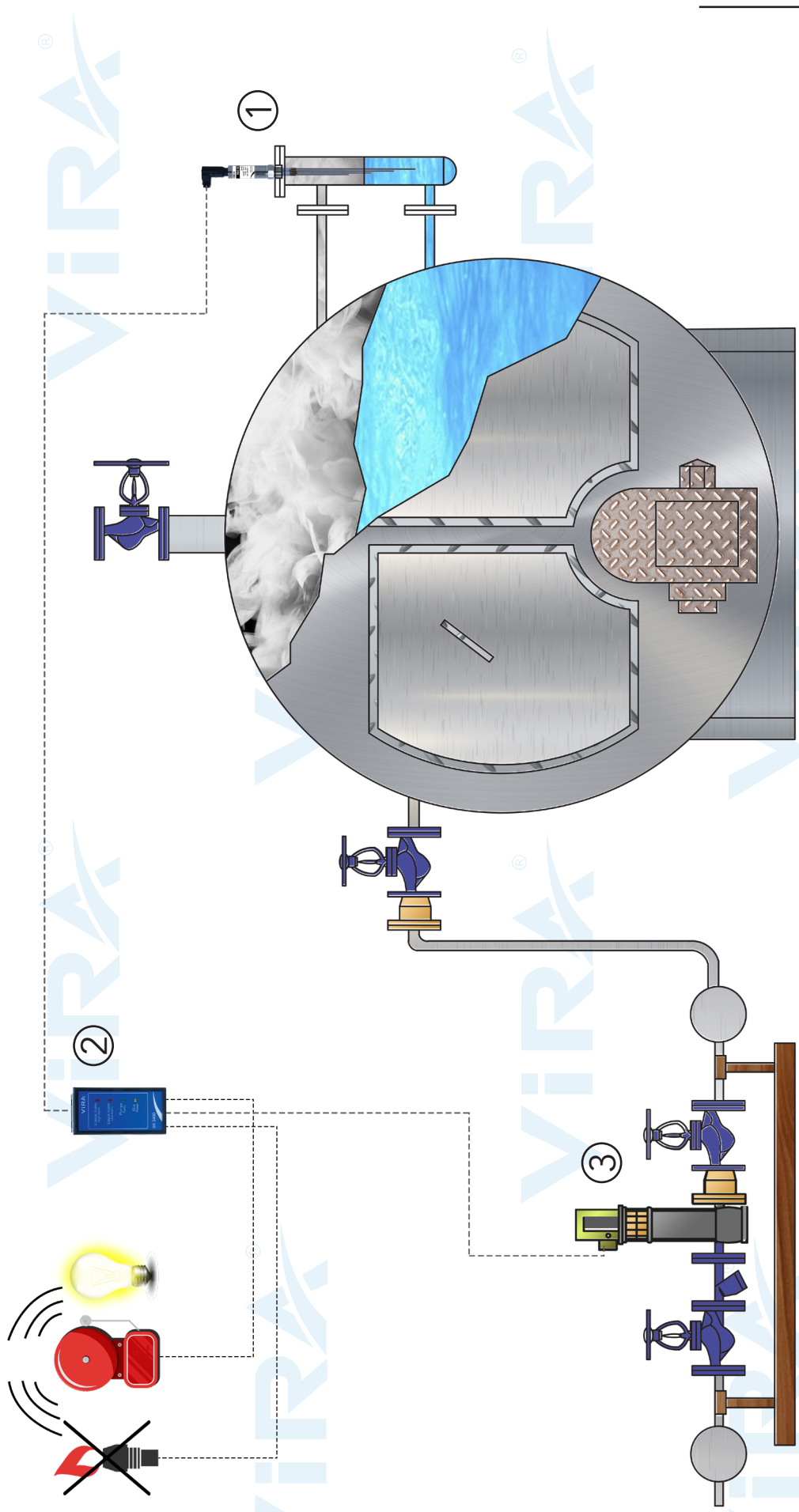
- Type** : SD 2400
- Nominal Pressure** : PN 40
- Max. Operat. Temp.** : 239 °C
- Max. Operat. Press.** : 32 Bar g
- Connection** : 1" BSP Screwed
- Length** : 500 - 1000 - 1500 mm
(Can be cut to desired level)
- Max. Ambient Temp.** : 70 °C



Application Examples



SK 2000 On-Off Level Control and Alarm System



1- Level Probe 2- Level Controller 3- Feed Water Pump

SK-T 2400

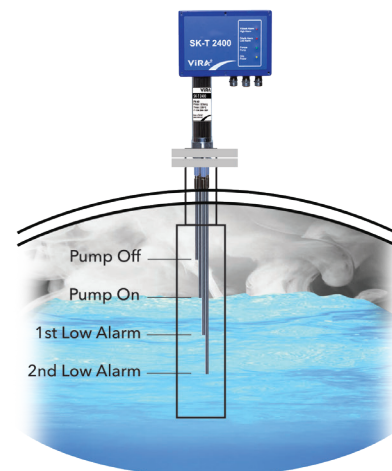
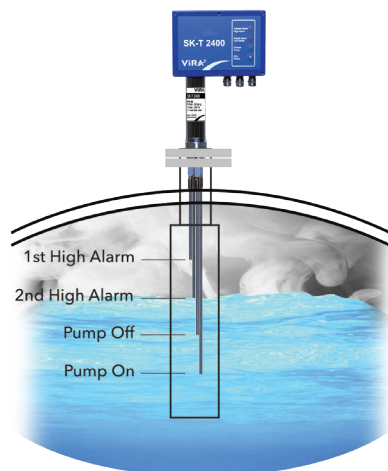
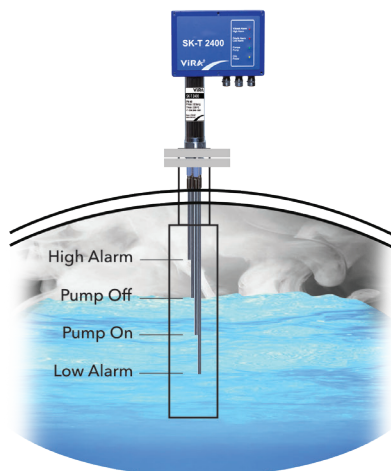
Compact On-Off Level Control and Alarm System

Compact On-Off Level Control and Alarm System

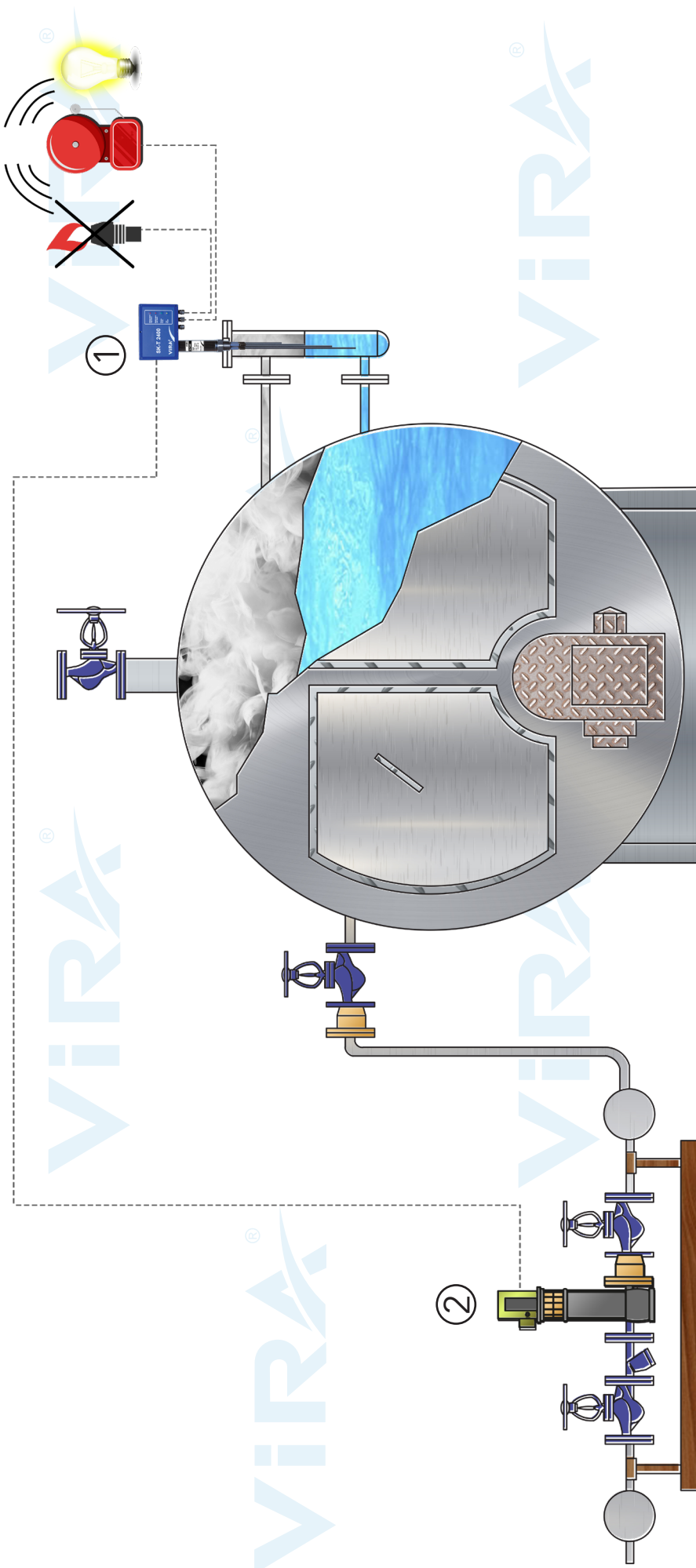
- Type** : SK-T 2400
- Mains Supply** : 230 VAC (+5% / -10%) 50/60Hz
- Function** : Pump On-Off, High Alarm, Low Alarm
- Output** : Pump On-Off Relay, Two Alarm Relay
- Nominal Pressure** : PN 40
- Max. Operat. Temp.** : 239 °C
- Max. Operat. Press.** : 32 Bar g
- Connection** : 1" BSP Screwed
- Length** : 500 - 1000 - 1500 mm
(Can be cut to desired level)
- Max. Ambient Temp.** : 70 °C



Application Examples



SK-T 2400 Compact On-Off Level Control and Alarm System



1- Compact On-Off Level Control and Alarm System 2- Feed Water Pump