

## LCS 100 COMPACT ON-OFF LEVEL CONTROL

The LCS 100 Compact On-Off Level Control System is suited to control the level for steam boilers, feedwater tanks, deaerators and process vessels. With the LCS 100 Compact On-Off Level Control System, four levels can be signalled in conductive liquids. These four levels are:

1. High level alarm,
2. Pump off,
3. Pump on,
4. Low level alarm,

- Simple installation, easy commissioning, no moving parts.
- Two equipments are together in one compact system.
- Thus, no external control device is required.



### Technical Data

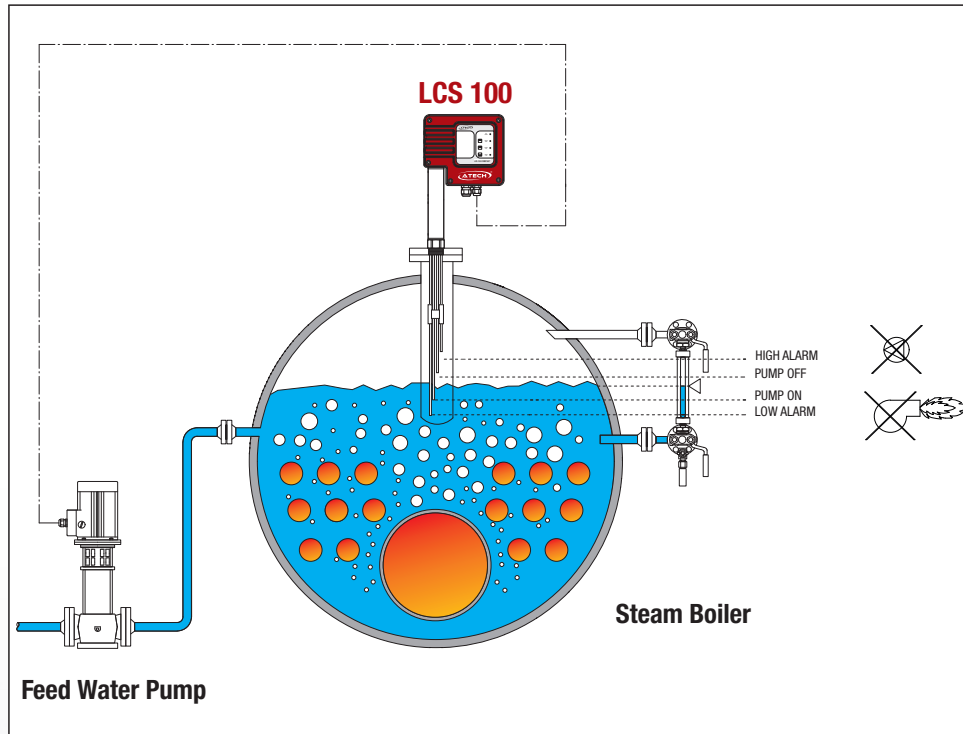
Nominal Pressure	: PN 40
Max. Operating Temperature	: 238 °C
Max. Operating Pressure	: 32 bar g
Connection	: 1", BSP - Screwed
Length	: 500, 800, 1.000 & 1.500 mm
Control Signals	: Pump on-off, Low level alarm, High level alarm
Output	: One relay for pump control, two relays for low & high level alarms.
Control Types	: Configurable as feed or as drain control

### Types

Type	Length	Connection
LCS 105	500 mm	1", BSP - Screwed
LCS 108	800 mm	1", BSP - Screwed
LCS 110	1.000 mm	1", BSP - Screwed
LCS 115	1.500 mm	1", BSP - Screwed

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### Applications



Two equipments are together in one compact system. Thus, no external control device is required.

The LCS 100 consisting of a level electrode with four tips and an integrated level switching controller.

With two level points control, the water level is kept at the desired level by switching the pump on or off respectively. Additionally low and high level alarm signals can be provided.

