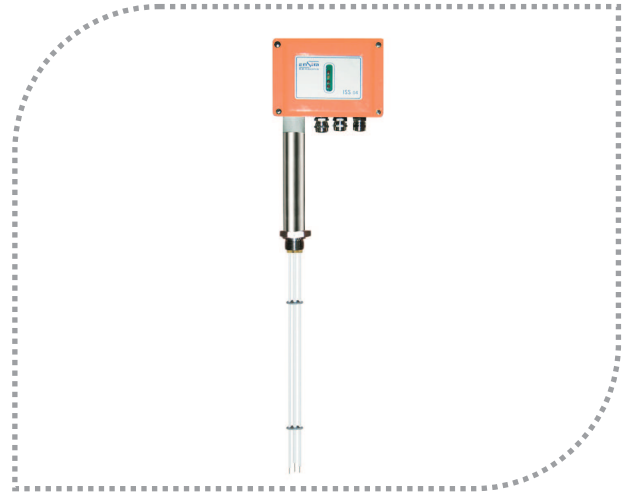


ISS 04 Level Sensor is designed for controlling of conductive measurement principle. It has four different measurement probe and an electronic unit and so without any other control unit it allows to control by itself.

The sensor has two different conductive level measurement and four different control function, which are selectable by user. It can be used in min.1 $\mu\text{S}/\text{cm}$ and over conductive liquids.



ISS04 LEVEL SENSOR

Avantages :

- * Compact structure.
- * Multi-function can be controlled.
- * Wetted parts is 316 stainless steel.
- * Low conductivity liquids can be worked.

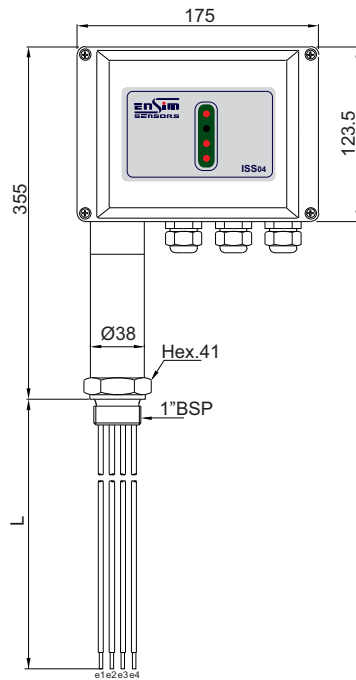
Aplications Areas:

Steam boilers , Degasifier ,
Condansate tanks , Conductive liquid tanks.



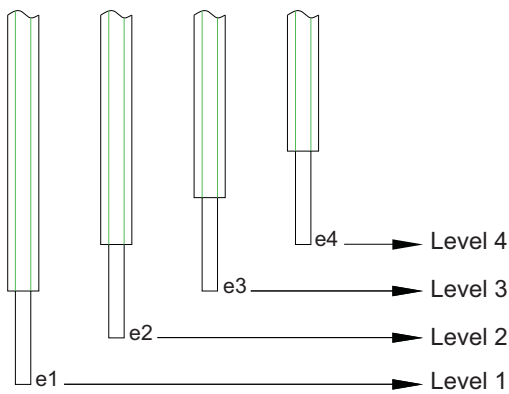
Mounting Position	Vertical (into boiler or with by-pass tube)
Process Connections	G 1"
Working Pressure	32 Max. barg , Max. 238 °C
Case	Aluminum Casting (Electrostatic Painted)
Connection Material	1.4571 Stainless Steel
Electrode Isolation	PTFE
Electrode Material	1.4571 Stainless Steel
Pipe Part	PTFE
Pipe Material	Stainless Steel
Electrode Lenght	500 mm , 1000 mm , 1500 mm
Electrode Diameter	4 mm
Cable	5 x 0.75 mm ² With Silicon Isolated
Cable Entry	3 pcs. PG 11 Chromed Brass
Supply	220-240 VAC (Std) or optional 24 VDC, 2 VA
Electrode Voltage	Max 6 V
Sensitivity	1 uS/cm min. or 30 uS/cm min. selectable
Output	Contact
Contact Current	4 x 8 A / 250 VAC
Relay Delay	3 sec.
Ambient Temperature	70 °C
Protection Class	IP 65
Weight	2,9 kg (For L: 1000mm)

Dimensions :

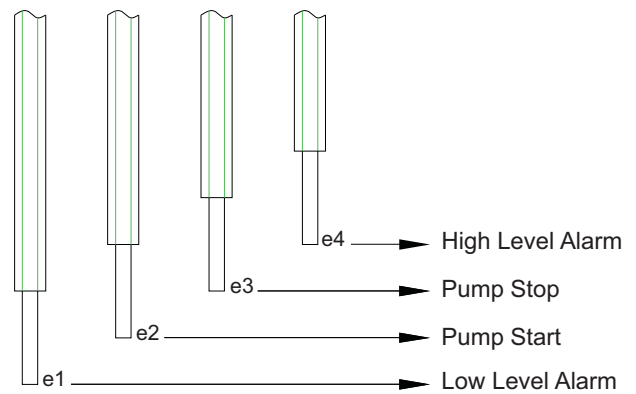


Control Functions : By dip-switch inside the enclosure can be done by the user

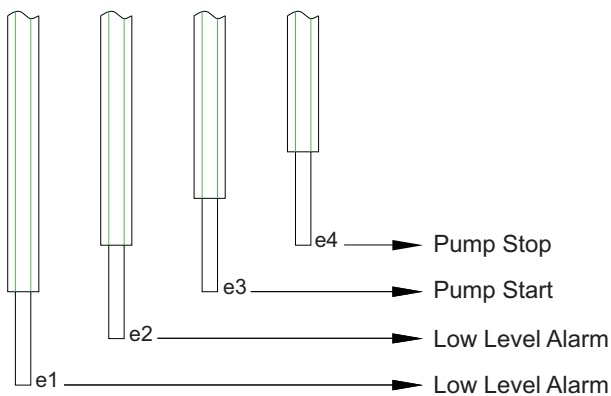
F1. Level Switch



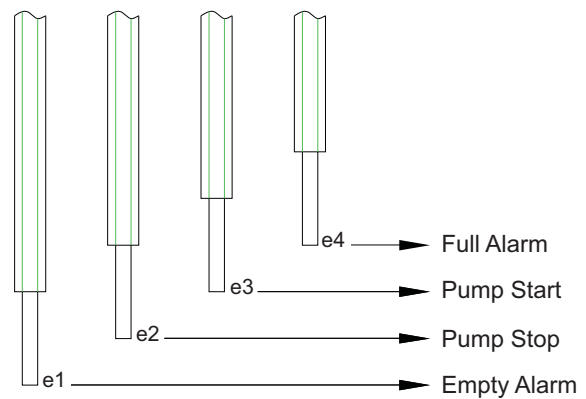
F2. Fill Control + Low Level alarm + High Level alarm



F3. Fill Control + 2 pcs Low Level Alarm



F4. Discharge Control



ISS 04 can work on boilers with configurations I , II or III and on water storage vessels with configurations I or IV.

Order Form : Please consider sample models when coding

1 MODEL ISS

Std.04

2 CERTIFICATE

None.....0 (EN10204-3-1) Material Certification.....1

3 BODY AND ELECTRODE MATERIAL

316 Stainless steel02 Special.....x

4 HOUSING

Alüminyum 175 x 122 x 65mm.....32 Special.....x
PC Gri 170 x 120 x 55mm (Std.).....57

5 ELEKTRİK BAĞLANTISI

Klemensli00 Special.....x

6 INSULATION MATERIAL

PTFE (Std.).....66 Special.....x

7 STEM LENGTH

500 mm (Std.)..... 500 1500 mm (Std.).....1500
1000 mm (Std.).....1000 Special.....x

8 OUTPUT

4 x 5 A / 250 VAC.....11 Special.....x

9 ELECTRODE NUMBER

4 (Std.).....4 Special.....x

10 OPTIONAL

None...../ 0 Special.....x

EXAMPLE

ISS 04 - 0 - 02 - 57 - 00 - 25 - 1000 - 11 - 4/0

ISS 04 Level Sensor , 4 Electrode , Stem Length : 1000mm , PC Gray boxed