

Touch the sensitivity...

ADA FLOW



AEC850

online conductivity controller
conductivity analyzer PH EC meter

www.adaflow.com.tr



Flowmeter

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Type:

conductivity controller AEC850

Brand Name:

ADA FLOW

Model Number:

AEC850

Measuring range:

0.00uS-2000mS/0-133000 ppm

Resolution:

0.01/0.1/1

Accuracy:

±1%F.S.

Temp. compensation:

Pt 1000/NTC30K

Temp. range:

-10.0 to +130.0°C

RS485:

Mod bus RTU protocol

Relay delay:

0-120 seconds

Data logging capacity:

500,000

Waterproof grade:

IP65

Power supply:

From 90 to 260 VAC, power consumption < 7 Watts

Supply Ability:

1000 Piece/Pieces per Month

Packaging & Delivery

Packaging Details

standard package

Product Activity (past 1 year)

ES100%

Products Description

Online conductivity meter:

- Pure water, tap water, sewage, concentrate, etc.
- Universal measurement

Automatic alarm

Wide range

RS485

Function	EC	TDS
Measuring range	0.00uS-2000mS	0-133000 ppm
Resolution	0.01/0.1/1	1
Accuracy	±1%F.S.	±1%F.S.
Temp. compensation	Pt 1000/NTC30K	
Temp. range	-10.0 to +130.0°C	
Temp. compensation range	-10.0 to +130.0°C	
Cell constant	0.001 to 20.000	
Ambient Temp. range	0 to +70°C	
Storage temp.	-20 to +70°C	
EC current output 1	Isolated, 4 to 20mA output , max. load 500Ω	
Temp. current output 2	Isolated, 4 to 20mA output , max. load 500Ω	
RS485	Mod bus RTU protocol	
Baud rate	9600/19200/38400	
Max relay contacts Cap.	5A/250VAC,5A/30VDC	
One multi-function relay	clean/period alarm/error alarm	
Relay delay	0-120 seconds	
Data logging capacity	500,000	
Waterproof grade	IP65	
Power supply	From 90 to 260 VAC, power consumption < 7 Watts	
Installation	panel/wall/pipe installation	
Weight	144 series:0.85Kg	

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Electrode constant	Withstand Voltage	Measurement range	Connection type	Material	Application area
0.01	8bar	0.01-20 μ s/cm	G1/2 Screw installation	316 stainless steel	Pure water industry
0.1	8bar	0.01-20 μ s/cm	G1/2 Screw installation	316 stainless steel	Conventional water treatment
1.0	8bar	1-2000 μ s/cm	G1/2 Screw installation	316 stainless steel	Industrial water, recycled water
Four pole	7bar	10 μ s/cm-500ms/cm	NPT 3/4 Screw installation	PBT	Water treatment, seawater, acid and alkali measurement

Multifunction



Paperless recorder



PLC



Valve



PC



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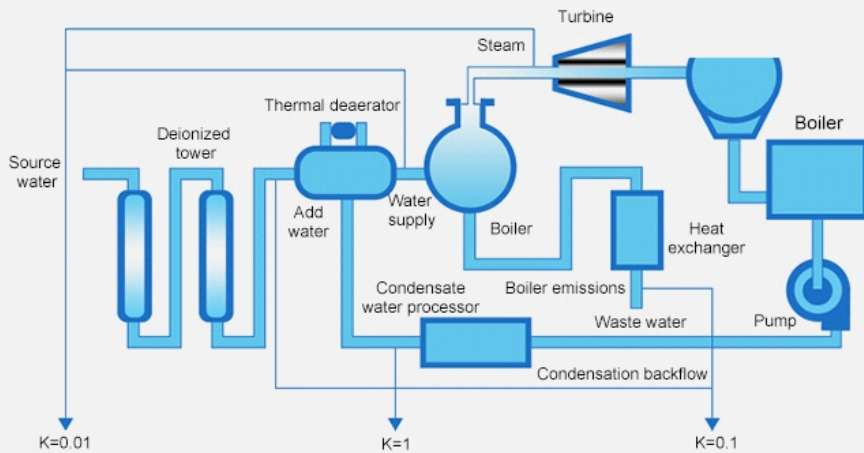
EC controller

- 4-20 mA output
- RS485
- Install cabinet clasp and wiring terminal

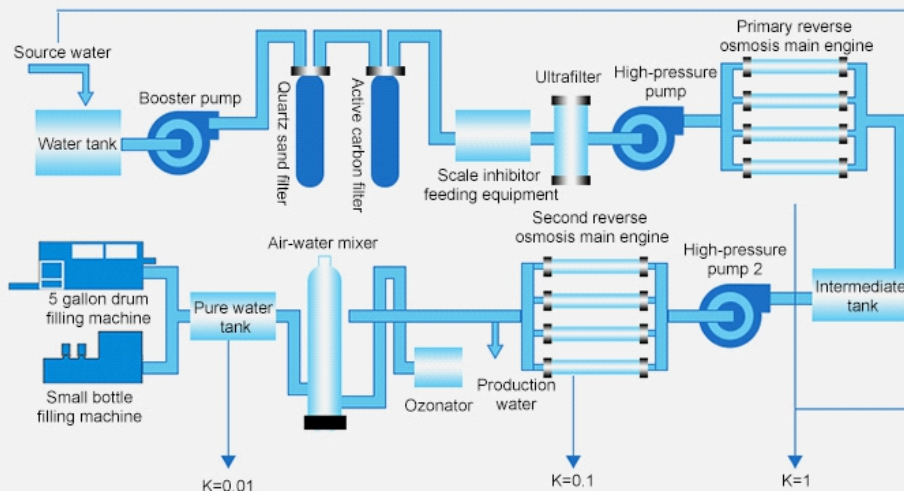
EC sensor

- Excellent stainless steel, Four-stage electrode cover the 0.00 $\mu\text{s/cm}$ -500ms/cm
- Meet all kinds of measurement requirements

Boiler water diagram



RO water treatment diagram



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