

CONDUCTIVITY LED INDICATOR

NEW



8311

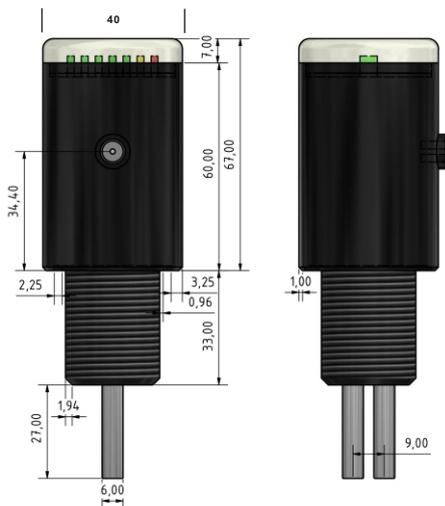
Water Quality Conductivity Indicator 8311

- To monitor filtered/unfiltered water via conductivity
- Suitable for mobile type water treatment service
- 7 bright LED to indicate the conductivity level
- Built-in temperature compensation
- Pre-calibrated in factory before installation
- Thread size 3/4" NPT and conductivity ranges 90uS/cm
- Application:

- Heating water treatment purity check
- Cooling water treatment purity check
- Water filtering purity check



Model	8311
Cond. range	0~90uS/cm
Thread Size	3/4" NPT
Cond. Accuracy	+/- 15% reading
IP rating	IP68 (sensing area only)
ATC	ATC
Material	Body: POM Light: PMMA
LED	#1. green <math>< 15 \mu\text{S}/\text{cm}</math> #2. green <math>< 30 \mu\text{S}/\text{cm}</math> #3. green <math>< 45 \mu\text{S}/\text{cm}</math> #4. green <math>< 60 \mu\text{S}/\text{cm}</math> #5. green <math>< 75 \mu\text{S}/\text{cm}</math> #6. yellow <math>< 90 \mu\text{S}/\text{cm}</math> #7. red flashing >math>90 \mu\text{S}/\text{cm}</math>
Measuring temp.	0~80°C
Measuring pressure	<math>< 10 \text{Bar}</math> (145 psi)
Operation environment temperature	0~50°C
Storage temp.	0~60°C
Storage RH%	Humidity <math>< 90\%</math>
Sensor life time	>12 months (with good maintenance)
Dimension	Body: 67mm(H)x40mm(diameter) electrode: 27mm long, 6mm diameter.
Weight	200g
Power Supply	9VDC, <math>< 900 \text{mA}</math>
Standard Package	EC indicator, box, manual



Ordering Code

VZ8311AZ, 8311 EC LED indicator
 VZ8311AZA, 8311 EC LED indicator w/adaptor

Simplified water conductivity to resistance conversion table

Conductivity (uS/cm)	Resistance (ohm*cm)
15	67K
30	33K
45	22K
60	17K
75	13K
90	11K