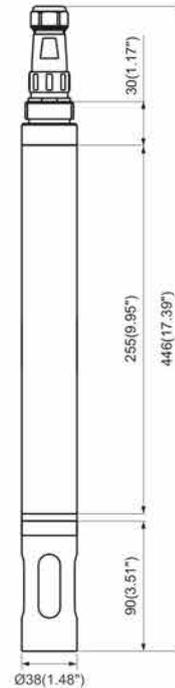


**Conductivity:** Conductivity monitor the electric strength of the solution, it can control the change of water quality. For example: the promotion and demotion of pollutant and salinity. Analysis system use the magnetic five electrode conductivity digital sensor without maintaining. Package type none- electrode sensor can engender current by reaction in closed loop of solution. Then we can calculate the conductivity of the solution by measuring current. The drive coil of Conductivity analysis meter can engender alternating current by reaction in solution. Induction coil test the induction current , this current has a linear relationship with conductivity. Analysis meter deal with this signal, and display the corresponding reading . The function of none electrode sensor will not be effected by polarity, oil contamination and pollution. Sensor can be used in the solution whose conductivity reach 2000mS/cm, temperature range is -20 ~ 180°C, automatic temperature.



## Digital Conductivity Electrode Article-No. 486 3700

### Properties

- Conductivity - single-rod measuring cell
- PPS Shell
- Built-in temperature compensation
- protection class IP67

### Applications

- process control  
(e.g. food and chemical Industry)
- water monitoring
- wastewater control

### Technische Daten

<b>Principle</b>	Magnetic induction
<b>Range</b>	0.04~1.5 S/cm
<b>Accuracy</b>	< 1% FS
<b>Resolution</b>	0.05% FS
<b>Temperature range</b>	-5°C to 80°C
<b>Max pressure</b>	6 bar
<b>Mounting length</b>	350~480 mm
<b>Min conductivity of solution</b>	500 µS
<b>Mounting position</b>	10° to 170°(Option)
<b>Supply voltage</b>	DC24V(18~36V) 40mA
<b>Communication module</b>	Isolate RS485
<b>Communication protocol</b>	ModBus RTU
<b>Operating software</b>	Soft'DigSensor 2.1