

# FLS C6.30

## INDUCTIVE CONDUCTIVITY TRANSMITTER



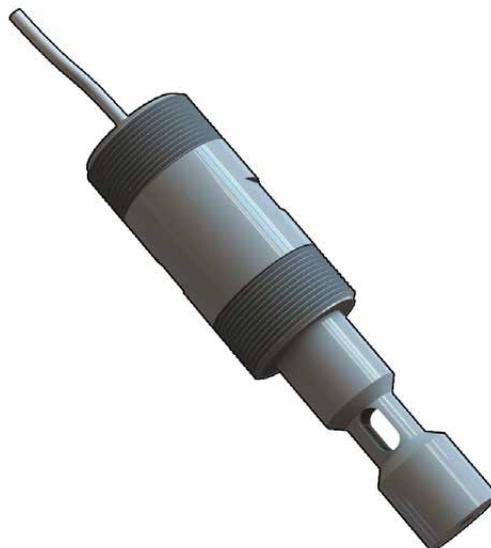
FLS C6.30 is a family of inductive conductivity transmitters which are made by a 4-20mA output device (two wire technology) integrated onto an inductive conductivity sensor. This type of measurement technology allows a broad range of applications especially to measure high values of conductivity (till 1000 millisiemens) in aggressive fluids (PVCC is the only wetted material). As no electrodes are directly in contact with liquid, a reliable and stable measurement is guaranteed for a long operating time. A proper automatic temperature compensation (ATC) is granted by a Pt100 integrated into instrument body. The isolated 4-20mA output is perfect for direct connections to PLCs or data loggers without any extra interfaces. Transmitter as well as temperature sensor are supplied already calibrated.

### APPLICATIONS

- Water treatment
- Waste water treatment
- Cooling towers
- Scrubber systems
- Metal finishing Coating and corrosion fluid measurement

### MAIN FEATURES

- Corrosion & coating resistant
- Compact transmitter
- No calibration required
- Easy installation
- Pt100 sensor integrated
- Suitable for submersible installation



## TECHNICAL DATA

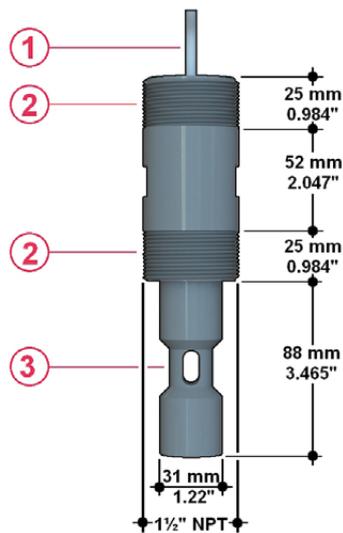
### General

- Body Material: C-PVC
- Body length: 207mm
- Enclosure: IP68
- Power supply: 10-30 VDC regulated
- Max Working pressure/Working Temperature:
  - 10bar (145psi) @ 25°C (77°F)
  - 6bar (87psi) @ 50°C (122°F)
- Process connection: 1 ½" male NPT

### Standards & Approvals

- Manufactured under ISO 9001
- Manufactured under ISO 14001
- CE
- RoHS Compliant
- EAC

## DIMENSIONS



- 1 Cable:3 mt (9 ft.)
- 2 1 ½" male NPT
- 3 C-PVC coating

## ORDERING DATA

C6.30 Inductive Conductivity Transmitters						
Part No.	Description /Name	Applications/ Operative Range	Cell Constant	Connection	Installation	Weight (gr.)
C6.30.01	C-PVC Inductive Conductivity Transmitter with Temperature Sensor included	0-10 mS	-	3 mt	1 1/2" NPT male threaded	550
C6.30.02	C-PVC Inductive Conductivity Transmitter with Temperature Sensor included	0-100 mS	-	3 mt	1 1/2" NPT male threaded	550
C6.30.03	C-PVC Inductive Conductivity Transmitter with Temperature Sensor included	0-1000 mS	-	3 mt	1 1/2" NPT male threaded	550