

C150 - Conductivity sensor

Epoxy Body Conductivity Sensor with Graphite Electrodes with Temperature Sensor (Pt100) included.

FLS C150-200 conductivity sensors feature graphite or high resolution platinum ring technology. Durable epoxy body construction provides rugged and dependable sensors. These sensors provide accurate and high resolution measurement thanks to the included temperature sensor (Pt100) combined with the ATC (Automatic Temperature Compensation) function of the monitor/transmitter. They can be used for both laboratory and industrial applications. Sensor electrodes are well protected so cell constant can't be easily damaged by solids presence. Three cell constants are available depending on the operating range required. A simple and reusable gland can be used for economic electrode in-line mounting while a 1/2" or 3/4" coupler with a pipe extension is enough for submersion mounting. A specific kit allows to mount these probes on FLS T fitting as well as to FLS clamp saddle.

APPLICATIONS:

- Chemical concentrations
- Foods industry
- Steam generation
- Metal finishing and mining
- Textile industry
- Pulp and paper
- Water treatment
- Reverse osmosis
- Softener regeneration
- De-ionization
- Distillation
- Aquaculture
- Agriculture and fertilizing systems

MAIN FEATURES:

- Graphite or Platinum measuring surfaces
- Suitable for laboratory, industrial or portable applications so long as liquid is filtered
- In line and submersion installation
- Temperature sensor included
- Cell constant choices of 0.1 and 10

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Reference	Description	Flow Rate Range	Cell Constant	Connection	Installation	Weight (gr.)
C150.01TC	Pt100 included	0.1 $\mu\text{S}/\text{cm}$ to 2000 $\mu\text{S}/\text{cm}$ (10 $\text{M}\Omega \cdot \text{cm}$ to 500 $\Omega \cdot \text{cm}$)	0,1	5 m (16,5 ft.)	EG50P EG75P MIFV20X05 MIMC20X05	200
C150.1TC	Pt100 included	1 $\mu\text{S}/\text{cm}$ to 20000 $\mu\text{S}/\text{cm}$	1,0	5 m (16,5 ft.)	EG50P EG75P MIFV20X05 MIMC20X05 MK150200	200