



WaterTech C4E

The WaterTech C4E Sensor is designed to provide highly reliable conductivity, salinity and temperature measurements.

RELIABLE MONITORING

- This multi-range sensor provides optimum accuracy and resolution in a wide variety of applications.

EASY INSTALLATION

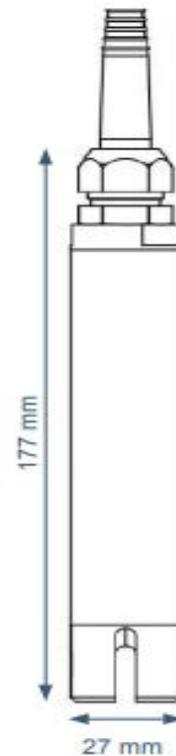
- The coupling on the shaft allows the sensor to move. This aids in self-cleaning and helps ensure that ragging doesn't accumulate around the sensor.
- For installation in applications where fouling is anticipated, we recommend using our mounting system with flexible coupling.
- Alternative mounting solutions are available for low-fouling environments or areas where space is limited.

INTEGRATED SOLUTION

- The WaterTech C4E Sensor is part of a complete digital portfolio of process sensors that connect to the 7300 Monitor, designed to log, display and transmit data to the plant SCADA system.

TOTAL FIELD SUPPORT

- Our team of experts provides outstanding customer service and technical support.



ORDER CODES

PART NO	DESCRIPTION
• 223969	WaterTech C4E Conductivity Sensor Range: 0-200 uS/cm to 0-200 mS/cm, 15 m cable

The company reserves the right to alter the specification without prior notice. E&OE Dimensions are in mm.

GENERAL		WATERTECH C4E	
DIMENSIONS	177 mm x 27 mm (H x Diameter)	CABLE TYPE	Polyurethane Coated
WEIGHT	0.35 kg (Inc ludes 10 meters of cable)	CABLE LENGTH	10 m standard, 100 m maximum
PROTECTION CLASS	IP68	STORAGE TEMPERATURE LOCATION	-10 to 60°C Indoor/Outdoor
ENCLOSURE MATERIAL	PVC Body, Stainless Steel	POWER SUPPLY	12 Volts from Monitor
CABLE ENTRIES	Integral Cable Gland	TYPE	RS485
MEASUREMENT	CONDUCTIVITY	TEMPERATURE	
ACCURACY	± 1% FSD	± 0.5 °C	
RESOLUTION	0.01 to 1	0.01 °C	
MEASUREMENT PRINCIPLE	4 Electrode (2 graphite, 2 Platinum)	NTC	
RANGE µS/CM	0-20.0 µS/cm, 0-200.0 µS/cm, 0-2000.0 µS/cm, 0-20 mS/cm, 0-200 mS/cm	0-50°C	
SALINITY	5-60 ppt (g/Kg)		
TDS - KCl	0-133,000 ppm		
RESPONSE TIME	< 5 seconds		
PRESSURE RATING	5 bar		
MOUNTING			
INSTALLATION TYPE	Dip		
MOUNTING SHAFT	0.5 to 3 m in 0.5 m increments		