

# Data sheet

ORP Sensor RHEIC-Pt-SE

## Technical data:

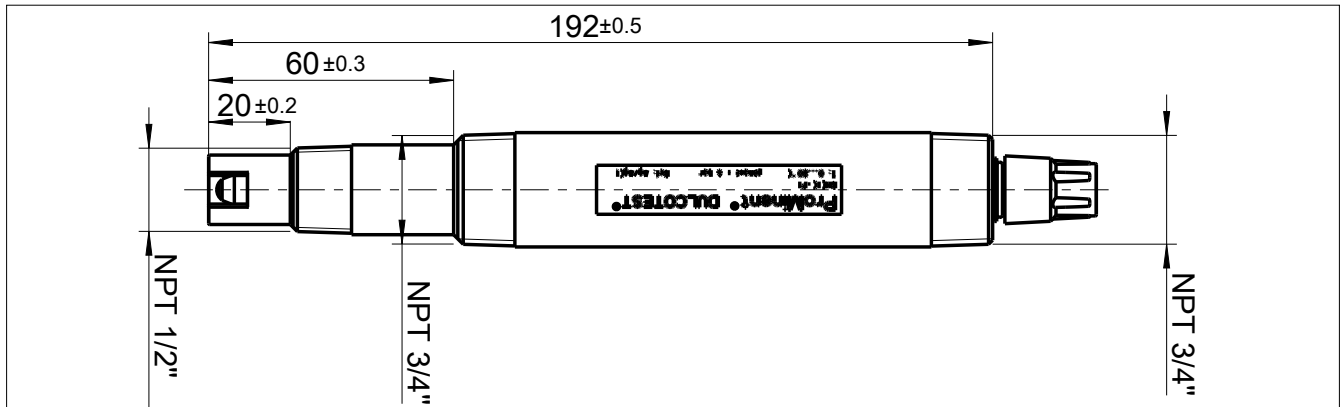


Fig. 1: RHEIC-Pt-SE, All dimensions in mm.

Tab. 1: Technical data:

Order number: RHEIC-Pt-SE, Order no. 1082281	
Parameter	Value
ORP voltage:	-1500 ... +1500 mV
Temperature:	0 ... 80 °C
Max. pressure:	6.0 bar
Min. conductivity:	min. 50 µS/cm
Electrolyte:	gel containing potassium chloride with a large KCl reservoir
Diaphragms:	PTFE ring diaphragm
Sensor shaft:	Plastic
Sensor shaft Ø:	17 ± 0.2 mm (below the 1/2" NPT thread) 22 ± 0.2 mm (below the 3/4" thread)
Fitting length:	20 ± 0.2 mm (from the lower end of the 1/2" thread) 60 ± 0.2 mm (from the lower end of the 3/4" thread)
Fitting position:	vertical up to +15 °
Screw-in thread:	1/2" and 3/4" NPT thread
Electrical connection:	SN6 plug-in head, rotatable with a ProMinent cable
Controllers:	All DULCOMETER® controllers and solenoid metering pumps types D_4a and delta®
Typical application:	Municipal and industrial waste water, cooling water, process water, water in the chemical industry and paper making, general use for water with solid fractions.
Measuring principle, technology:	Direct potentiometric measurement, 2 electrodes, double junction, gel electrolyte, large Teflon diaphragm.