

Industrial ORP Electrode (IORP) (Probe) 6m -1500 to +1500 mV (Operating Temperature: 0°C to 110°C) Smart Box

Product Codes: IOPrSB1113

The Industrial ORP Electrode Smart Box is designed to measure between -1500 to +1500 mV.



Sensor Specifications

Measurement Type	Combination Single-Junction Electrode
Operating Temperature	0 to 110°C
Storage Temperature	0 to 110°C
Measurement Range	-1500 to +1500 mV DC
Response Time, (Sensitivity)	10 s
Repeatability	N/A
Accuracy	N/A
Life Expectancy	N/A
Sensor Type	Probe
Sensor Cable Length	6 Meters
Certified	No

Smart Box Specifications

Operating Temperature	-40°C to +85°C
Storage Temperature	-40 to 105°C
Air Data Rate	250 kb per second
Channels	16 (IEE 802.15.4 channels 11-26)
Hardware Supported Encryption	AES128
Analogue Digital Resolution	Up to 12 bits
Sample time for 12 bit conversion	680µs

Power Supply Option

Standard PSU mains
Water Resistant PSU mains
Battery 9V (Replaceable)
Battery (Rechargeable)
Solar & Battery (Rechargeable)

Smart Box Housing IP Rating

Indoor	IP50
Outdoor Splash proof	IP51
Outdoor - water jet	IP65
Outdoor - Immersion	Contact Us
Outdoor Explosion Proof	Contact Us



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Antenna Options (Range)	Code
Internal (60m)	i
Large (700m)	L
Right-Angle (300m)	R
Small Stub (300m)	S