Technologies + Legacy Technology

BWB+ISI Legacy pH/ORP Technologies
18032 Lemon Dr. C-427
Yorba Linda, Ca. 92886

Orders
admin@BWB-ISI.com

Technical support and questions
technicalsupport@BWB-ISI.com

Business Matters
gary@BWB-ISI.com

Telephone
1 (800) 608-9870

www.BWB-ISI.com

ORSOTA – Technical Information

ORP/Redox electrode for applications in laboratory and environmental technology

Diamond in the Ruff

Technologies + Legacy Technology

ORSOTA – Technical Information

Application

For general laboratory and field use

- Potable water
- Swimming pools
- Aquariums
- Fish farming
- Disinfection

Your benefits

- **Platinum or Gold Redox Element**
- **Non-fouling PTFE Liquid Junction**
- **Removable Protective Guard to facilitate Cleaning**
- **Fixed Cable; 3 Feet Lead (1m) BNC Connector**
- **Premier Low Cost ORP Probe**

Input

Measured variables	mV Value
Measuring range	
mV:	-1,500 to +1,500
Temperature:	0 to 95°C (32 to 203°F)

Wiring

Cable length	Fixed cable, 3 feet BNC

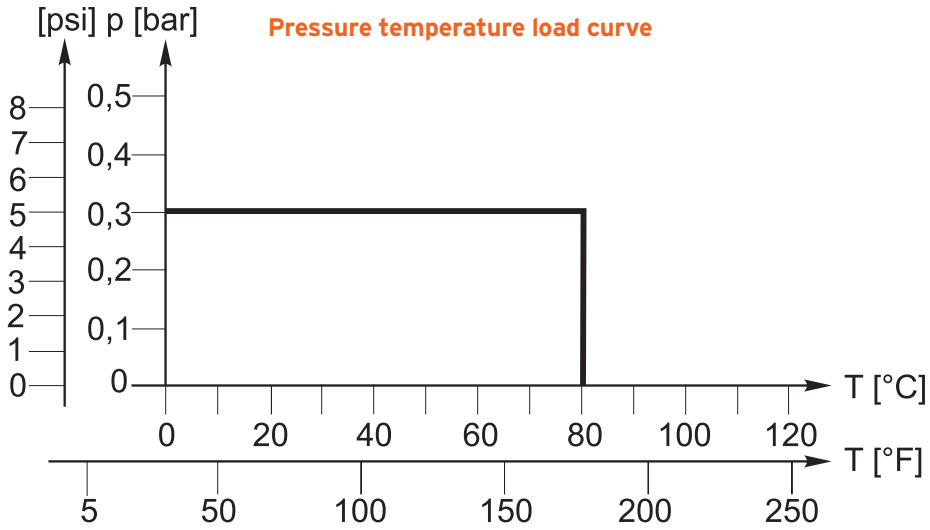
Environment

Ambient temperature	Do not use the electrode at temperatures below -5°C (23° F).
Storage temperature	0 to 50°C (32 to 122°F)

Process

Process temperature	0 to 95°C (32 to 203°F)
Process pressure	0,3 bar (g) (0 to 5 psig)

Pressure temperature load curve



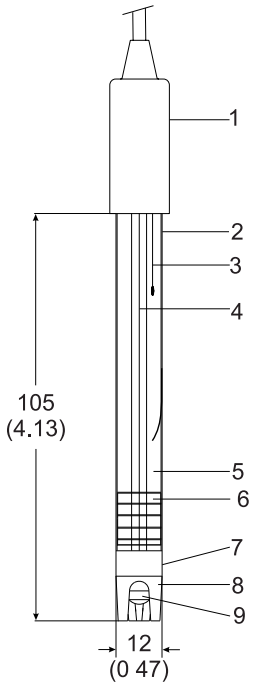
ORP range	-1,500 to 1,500 mV **Danger of electrode damage** Do not operate the electrodes in applications outside the given specifications!

Mechanical construction

Design, dimensions

ORSOTA with fixed cable and BNC connector

1. End cap for fixed cable
2. Plastic body
3. Ag/AgCl metal lead - reference
4. Ag/AgCl metal lead - pH
5. "Advanced Gel" electrolyte
6. Salt rings
7. Porous teflon junction
8. Bulb guard
9. ORP glass stem



Weight

approx. 0.1 kg (0.22 lbs)

Material

Electrode shaft	polymer body
Redox element	Platinum or Gold
Reference electrode	Ag/AgCl
Diaphragm	PTFE diaphragm

Transmitter

Transmitters

OPM223/253
Transmitter for pH and ORP, field or panel mounted housing

Patent No. 4, 128, 468 Bukamier

BWB Technologies + ISI Legacy Technology

BWB+ISI Legacy pH/ORP Technologies
18032 Lemon Dr. C-427
Yorba Linda, Ca. 92886
USA

Tel/Fax 1-800-608-9870

Global Distribution from www.BWB-ISI.com
and an emerging Group of Dealers.