

GWK Electronics Ltd

Series 200 Electronic Liquid Level Transmitter

- Sea-water, Oil and Chemical Resistant
- Transducer Fully Submersible
- Versatile Mounting Options
- 316 Stainless Steel Construction
- Marine Society Approvals
- Versions available compliant with EECS
Intrinsically Safe approval

The GWK Series 200 Electronic Level Transmitters have been designed specifically to meet the latest standards in Marine and Industrial areas. This versatile instrument will measure continuously the level of liquid in a tank or reservoir, providing an electrical output of 4 – 20mA.

The mounting adaptability of the Series 200 makes it ideally suited for use in all tanks onboard ship, and for a wide range of industrial applications from Water to stringent Chemical processes.

The Sensor employs the well proven technology of pressure sensitive capsule and LVDT to provide reliability and high accuracy in the most arduous conditions. Special coated capsule for sea water applications.

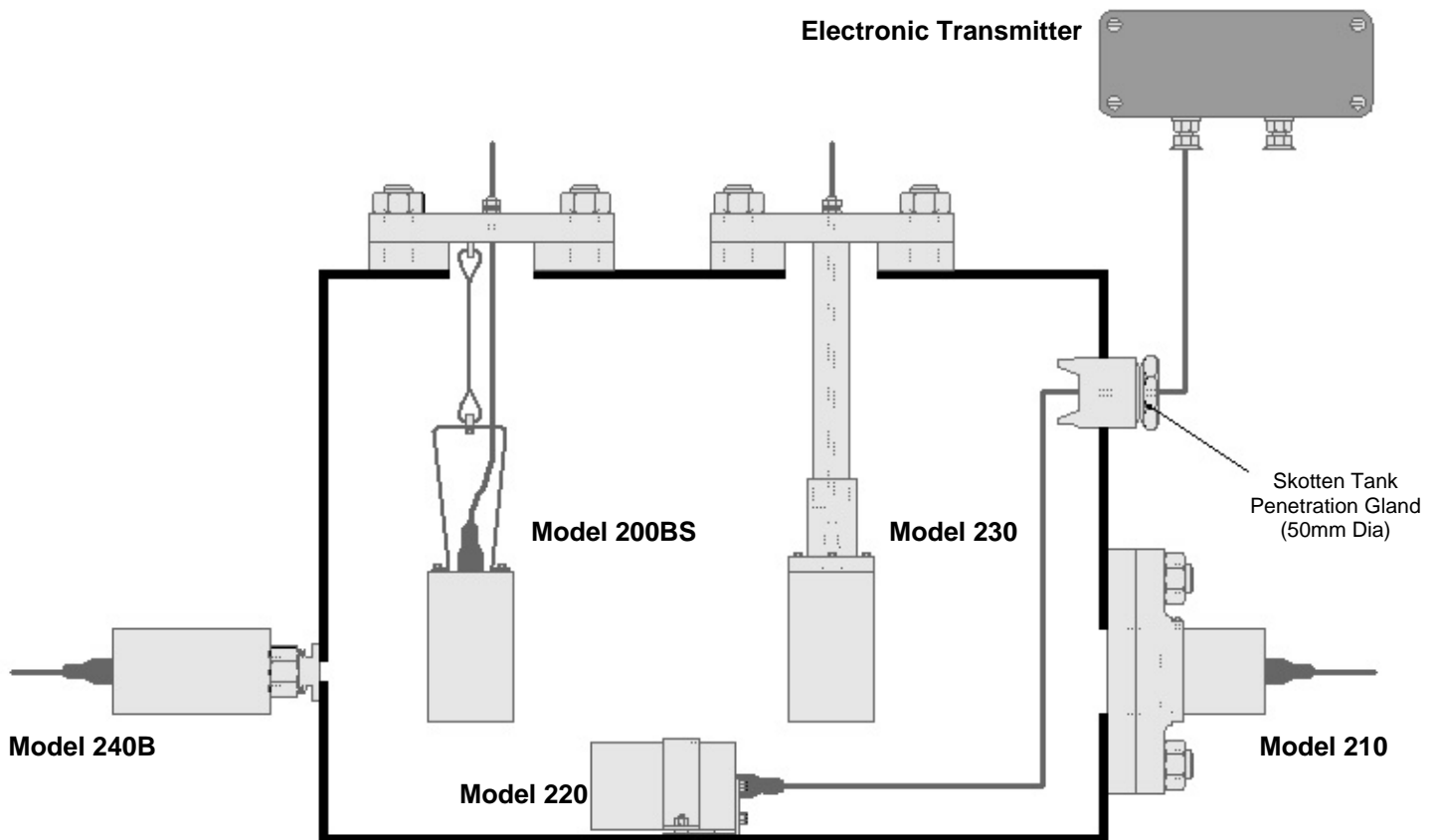


Model 200B

Specifications

Ranges available	0–1 to 0–20m H ₂ O	Sensor Cable	Heavy duty with internal vent, strainwire, screen and tough oil and seawater resistant sheath
Overload	Minimum of 50m H ₂ O on any range	Max Cable Length	Sensor cable length supplied to order (max 50m)
Sensor Body	316 stainless steel	Operating Temperature	Sensor: -25°C to +100°C Transmitter: -25°C to +100°C
Capsule Material	INCONEL X750	Transmitter Housing	Heavy GRP to IP65, Lloyds approved
Power Supply	18-30V DC		
Output Signal	4-20mA DC two wire		
Max Load Resistance	875 Ohms (at 30V Supply)		
Accuracy	Maximum error will not exceed 0.5% FS		
Range Adjustment	3:1 of nominal range		
Zero Adjustment	± 10%		

General Installation



Series 200 Transmitters

Internal Mounting

Model 200B	Basic
Model 200BS	Suspension Wire
Model 220	Bracket
Model 230	Pole

External Mounting

Model 210	Flange (25, 40 & 50mm)
Model 240B	Running nut $\frac{3}{4}$ " BSP

Optional Items

Mains Power Supply Units

Analogue Indicators

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