

# Techsense Bangladesh Ltd

## RF-Capacitance Level Transmitter Code : EB5 Series

The EB series RF admittance level transmitter measures the changing capacitance between the sensing probe and the reference ground to determine the level of the material in the vessel. When the sensing probe is in air only (no material around the sensing probe; vessel is empty), the amount of capacitance is measured. As the target material begins to increase and surround the sensing probe, the capacitance changes proportionately until the maximum material level is reached. The difference in capacitance between the value with material present at any given point on the probe and the value in air only is proportional to the target material level on the sensing probe.

### General Attributes

- 4-20mA output, 2-wire loop powered
- Range up to 200pf
- Simple 2 point calibration
- HART communications is optional
- Liquid, slurry and bulk solid level measurement
- Rod, cable, high temperature, corrosion-resistant units available
- Unaffected by temperature, pressure and other factors



### Application Notes

Vessel storage for inventory purposes  
 Pump and vessel fill/discharge control  
 Water/wastewater  
 Agriculture  
 Feed & grain processing  
 Mining & cement  
 Pharmaceutical  
 Chemical

For further information please visit : <https://goo.gl/Ci39GR>



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