

# Techsense Bangladesh Ltd

## Pressure Level Transmitter Code : EC Series

The EC series is a hydrostatic pressure level transmitter for measuring the level of liquids in various tanks and other types of vessels. The EC hydrostatic pressure level transmitter consists of a piezoresistive sensor and Wheatstone bridge to directly measure head pressure exerted on the diaphragm of the EC level transmitter. When the pressure is exerted on the diaphragm, as a result of the liquid level, the pressure is transferred to the Wheatstone bridge electrical circuit through silicon oil contained in the EC sensing unit. This creates a differential voltage, which is then amplified to create a variable 4-20mA output that varies as a result of the changing liquid level. In addition, a pressure transducer is available for measuring pressure in tanks or pipes and producing a variable 4-20mA output.

### General Attributes

- Measuring range up to 328ft (100m)
- 4-20mA output, 2-wire loop powered
- Pressure transducer also available



### Application Notes

- Extension cable unit can measure in deep wells or \ reservoirs
- Tank level measurement and control
- PLC or DCS input for level control functions
- Pressure measurement of gas or liquid (EC1500)
- Water treatment and distribution
- Chemical

For further information please visit : <https://goo.gl/UoN27b>



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