

**CAPACITANCE LEVEL TRANSMITTER
JAYCEETRANCE – 5000 W2**

Capacitance Level Transmitter is a compact, low cost, level transmitter with 4-20 mA analogue out-put designed to measure the level Of various liquids, and solid in tanks or storage vessels.

Measuring range is 0.25 to 3 m for rod probe version. The probe forms an electrical capacitor with the surrounding metal contained wall, or with auxiliary reference probe . With the vessel empty, an initial capacitances exists between the electrode And the metal well or the auxiliary reference probe. When the probe become covered with material to be measured the capacitances will increase and the change will be measured and covered into an analogue (4-20 mA) output signal proportional to the change. Rod or flexible cable can be used for various conductive or non conductive Liquids.

Usage

LIQUID APPLICATION

Acids, Acitone, AmoniaBenzine, Feed water, CTC, diesel,oils, fruit juce, milk, wine



PROBE SPECIFICATION CHART

Conductive material: Water based solutions. Acids, Bases etc – only insulated probe are suggested.

Non-Conductive material: Mostly petrochemical and solvents – Insulated or non insulated probes can be used

Probe Length /Measuring range;	:	0.25 to 3m (Rod) 1 to 20m (Rope)
Process length / Measuring range	:	As per application.
Probe Material	:	Stainless steel rod /Rope insulated partly or fully with PTFE
Medium Temp	:	-20Deg C to 100 Dec C Special Version upto 200 Deg C
Electronics	:	-25° C to +65° C
Output	:	4-20 madc (2 wire loop power)
Supply voltage (NOMINAL)	:	12-30 V Dc
Mounting connection	:	1/2" Standard for Rod probe, others as per request and application.

Continuous efforts for product development may necessitate changes in these details without notice

**For more information visit us at
www.jayceetech.com**



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