

CAPACITANCE LEVEL TRANSMITTER

JAYCEETRANCE - 5000



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 0.2 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 capacitance exists between the electrode and the metal well or the auxiliary reference probe. When the probe becomes covered with material to be measured the capacitance will increase and the change will be measured and converted 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, Acetone, Ammonia Benzene, Feed water, CTC, diesel, oils, fruit juice, milk, wine



Rod Type



Rope type

*** PROBE SPECIFICATION CHART**

Conductive material :

Water based solutions. Acids, Bases etc - only insulated probes are suggested.

Non-Conductive material:

Mostly petrochemical and solvents - Insulated or non insulated probes can be used

Probe Length / Measuring range	0.2 to 3m (Rob)		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.	High temp. version : -25° C to +200° C	Standard Version : -25° C to + 100° C	Electronics : -25° C to +80° C
Output	4 to 20 mA, (2 wire transmitter)		
Supply Voltage	24 V DC		
Mounting Connection	1/2" Standard, others as per request or application		

Manufactured By



Jaycee Technologies Pvt. Ltd.
Pune.

Authorised Distributor



Managing Technology & Services

MTS ENGINEERS PVT. LTD.
B/408, Wall Street-II, Opp. Orient Club, Near Gujarat College,
Ellisbridge, Ahmedabad-380 006, Gujarat, INDIA.
T : +91 79 2640 0063 / 3016 0063 • F : +91 79 4004 7430
www.mtsengrs.com

