

CT-20

CONDUCTIVITY TRANSMITTER



FEATURES

- Advance Technology.
- Password Protected Meter.
- 4-20 Current O/P.
- Relay options
- Easy Installation
- Customized 4 digit LCD
- Branded meter at the most economic price.

GENERAL DESCRIPTION

The VATS CT-20 is yet another step forward to deliver convenience & to the point technology in a compact package. With our experience of a wide range of installations, we came out with easy to fit conductivity / TDS Transmitters. Microprocessor based electronics allow wide operating range and long term signal stability. Optional relays provide control for adjustment or alarms. Also the meter comes with standard fittings to adapt to any process flow solution.

TECHNICALS

Technical Data	Electrical Connection ratings	Material
Function: 4-20 mA O/P, Relay	Power supply: 230V AC, 50 Hz	protection: IP-65
Linearity: +/- 1% of Full range	Input: From VATS Sensor	weatherproof Enclosure
Repeatability: +/- 1 % of Full range	Display: 4 Digit LCD	Meter Size (mm): 96x96
Mounting: Panel/Field	Cable Type: 3 mtr, 2 Core PVC Shielded	

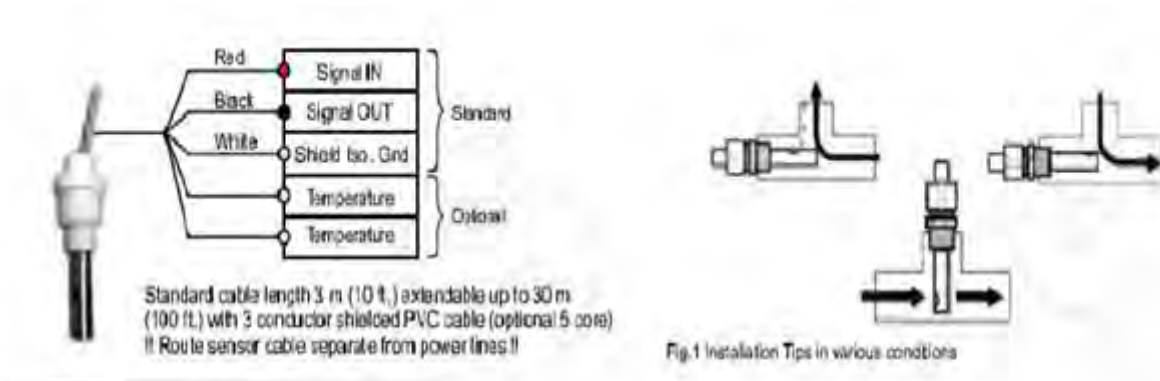
APPLICATIONS

<i>water treatment</i>	<i>agriculture</i>	<i>chemicals</i>
<i>boiler condensate</i>		<i>food and beverages</i>
<i>waste water</i>	<i>power</i>	<i>textiles</i>

CONDUCTIVITY CELL DETAILS

VATS Conductivity Cell is an insertion type sensor, in a robust & compact housing. Vats Conductivity sensors are designed to versatile installation and accurate sensing across a very broad dynamic range. Coupled with VATS meters a range with $\pm 2\%$ of Full scale accuracy is achieved without the need for troublesome sensor platinization. Standard wiring allows connection without costly "patch cords." .further the Cells available in range of 0.01, 0.1 and 1

CONNECTION DETAILS



For Temperature Compensation Cell, the color combination of cable as in above diagram is
Cable 1 = Red, Cable 2= Black , Cable 3= White , Cable 4 = Yellow , Cable 5= Blue

TECHNICALS

Electrode MOC :	SS 316
Cable length:	3 mtr
Cell Constant AND Range:	0.1 to 4 $\mu\text{S}/\text{cm}$ (Cell Constant 0.01) 10 to 100 $\mu\text{S}/\text{cm}$ (Cell Constant 0.1) 50 to 999 $\mu\text{S}/\text{cm}$ (Cell Constant 0.1) 1000 to 10000 $\mu\text{S}/\text{cm}$ (Cell Constant 1)
Connection:	$\frac{3}{4}$ "
Temp Compensation:	Through pt-100
Operating Temp:	Upto 55°C