INDION CX105 TDS

(Monitor/transmitter/controller)

Our CX105 is an isolated output 4-20mA industrial transmitter for reading contacting TDS sensors. Easily power the unit with available two-wire power supply loop. Ideal for connecting to a PLC for advanced control systems. Versatile mounting options for wall or panel mount. With a dual display LCD, monitoring both the measuring value and the temperature is simple.The CX105 is CE certified.



FG code : ZNC07GUTNA00000
Model no: CX105 TDS

Additional Key Features:

1. Large LCD screen for easy reading
2. Isolated 4-20 mA analog output
3. Automatic temperature compensation.
4. Flexible mounting options

Technical Specifications:

Transmitter/Monitor/Controller	Panel Mounted / Field Mounted
Measuring Range (TDS)	0.023 to 200,000 ppm
Accuracy	+/- 0.5% of reading.
Repeatability	+/-0.05% of span.
Compensation Temperature Sensor	Automatic, PT1000 RTD
Operating Temperature	-10 ˚c to 70˚c (14 ˚F to 158 ˚F) ; 0-95% relative humidity, non - condensing
Temperature Drift	Zero and Span : +/-0.02% of span per ˚c
Conductivity Calibration	1 POINT
Outputs	
Current Output	Isolated 4 – 20 Ma output with 0.004 Ma (12-Bit) resolution update rate : 1 second Max loop impedance : 250Ω at 24v; 600Ω at 31c ; 1500Ω at 48v
Electrical data	
Memory	Non – volatile ; all user setting are retained indefinitely without battery backup
Input Power Supply	19-48 VDC , regulated , 30mA max
Display	
LCD	128*65 dot matrix, figure or alphabet: 12x8, 28x15, 32x18, etc…..
Contrast	User selected , 5 level
Materials	
IP Rating	IP65
Mechanical Specifications	
Dimensions (H x W x D)	HWD (92×92×35)mm
Weight	0.84 lbs (381 g).

For more information write to us at: inst.soles@ionexchonge.co.in

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice.
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