

# DICC-144

## CONDUCTIVITY CONTROLLER

### DUAL CHANNEL



Ver. 1.0

# USER MANUAL

# SPECIFICATIONS

POWER	: 220~240VAC , 50HZ
CONDUCTIVITY RANGE	: 0~10uS
CONDUCTIVITY RESOLUTION	: 0~0.01uS
CONDUCTIVITY ACCURACY	: $\pm 0.1\mu\text{S}$
TEMPERATURE RANGE	: 0~150 C
TEMPERATURE RESOLUTION	: 0.1C
TEMPERATURE ACCURACY	: $\pm 0.5\text{C}$
CONDUCTIVITY DIGITAL OUTPUT	: 5A, 1CO, RELAY
CONDUCTIVITY ANALOG OUTPUT	: 4~20mA
CELL CONSTANT	: 0.1k
DISPLAY	: 3.5" Color LCD
BODY	: ABS
OUTER DIMENSIONS	: 144x144x110mm

## KEY FUNCTION



TO SET CONDUCTIVITY  
CONTROLLING VALUE



TO INCREASE VALUE &  
IT WILL SCROLL 0 TO 9



TO SHIFT DIGIT



TO SAVE DATA  
&EXIT TO MAIN DISPLAY

## CALIBRATION KEY FUNCTION



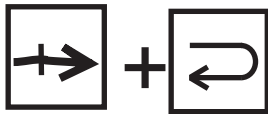
HOLD FOR 5 SECOND



TO INCREASE VALUE &  
IT WILL SCROLL - OR + & 0 TO 9



TO SHIFT DIGIT



TO SAVE DATA  
&EXIT TO MAIN DISPLAY

## COMMUNICATION DETAILS [OPTIONAL]

### \* RS 232

- \* PROTOCOL : MODBUS RTU
- \* BAUDRATE : 9600
- \* DATA BITS : 8
- \* PARITY : NONE
- \* STOP BIT : 1
- \* FLOW CONTROL : NONE

### MODBUS ADDRESS

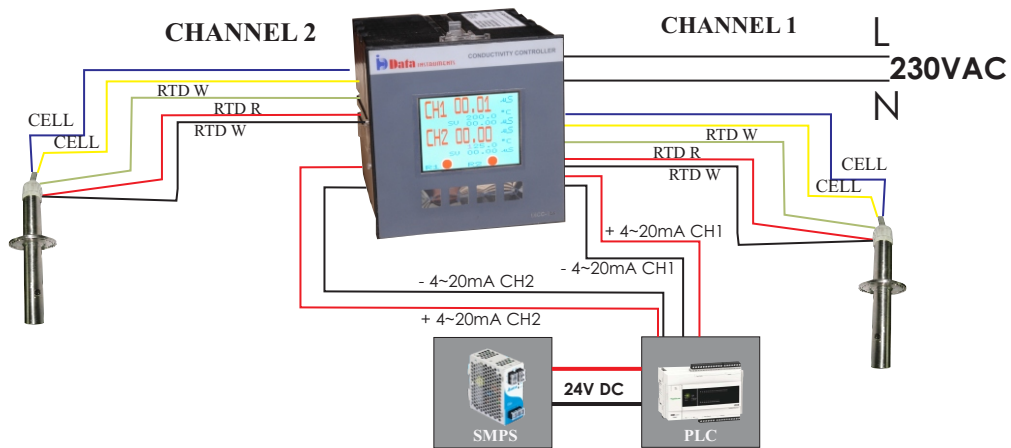
CHANNEL 1 READING : 400001

CHANNEL 2 READING : 400002

### ANALOG OUTPUT

ANALOG OUT PUT : 4~20mA [ FOUR WIRE]

# WIRING DIAGRAM



+ 4~20mA

- 4~20mA

SR NO: \_\_\_\_\_



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