



ARANKA

USER MANUAL

AICC-35

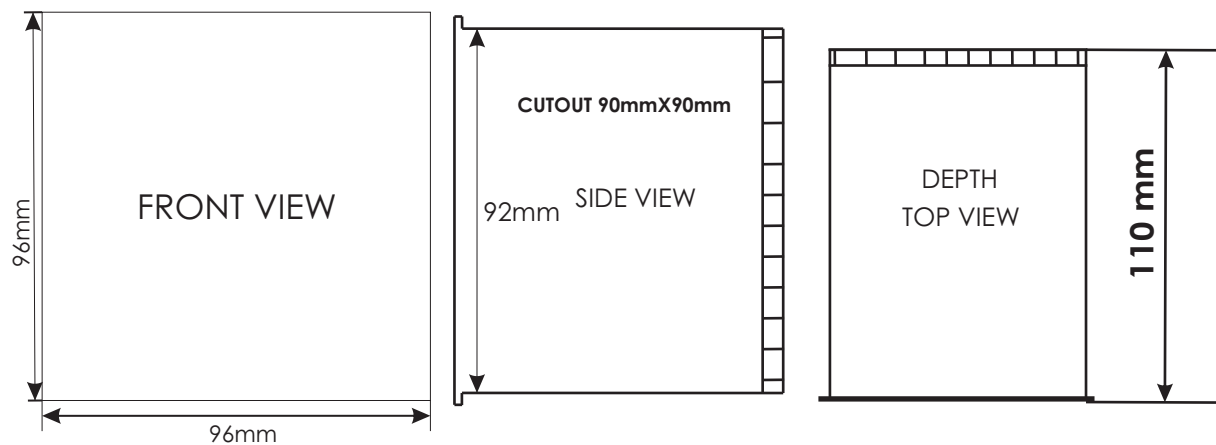
CONDUCTIVITY/TDS *CONTROLLER*

SINGLE CHANNEL

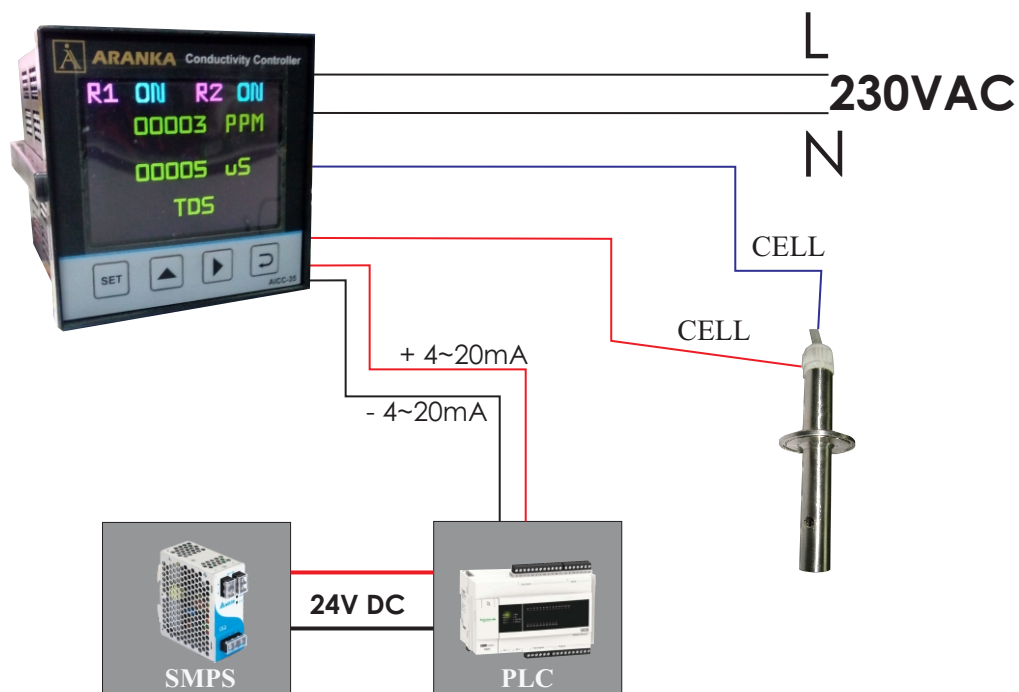
Ver. 1.0



DIMENSION



TERMINAL DIAGRAM



TERMINAL DISCRPTION

- 1 -NA-
- 2 -NA-
- 3 -NA-
- 4 Conductivity Cell Red wire
- 5 Conductivity Cell Black wire
- 6 -NA-
- 7 -NA-
- 8 + 4~20mA Output
- 9 - 4~20mA Output
- 10 L [Power 90~260 VAC @ 50Hz]
- 11 N [Power 90~260 VAC @ 50Hz]
- 12 -NA-
- 13 Channel 2 Relay Output NO
- 14 Channel 2 Relay Output C
- 15 Channel 2 Relay Output NC
- 16 Channel 1 Relay Output NO
- 17 Channel 1 Relay Output C
- 18 Channel 1 Relay Output NC

SPECIFICATIONS

POWER	: 90~260VAC , 50HZ
CONDUCTIVITY RANGE	: 0~2000uS [1280 PPM]
CONDUCTIVITY RESOLUTION	: 1uS
CONDUCTIVITY ACCURACY	: $\pm$ 1.5% FSD
CONDUCTIVITY DIGITAL OUTPUT	: 5A, 1CO, RELAY
CONDUCTIVITY ANALOG OUTPUT	: 4~20mA
CELL CONSTANT	: 1k
DISPLAY	: 3.5" Color LCD
BODY	: ABS
OUTER DIMENSIONS	: 96x96x110mm
CUTOUT DIMENSIONS	: 92x92mm

KEY FUNCTIONS



TO SET TDS
CONTROLLING VALUE



TO INCREASE VALUE &
IT WILL SCROLL 0 TO 9



TO SHIFT DIGIT

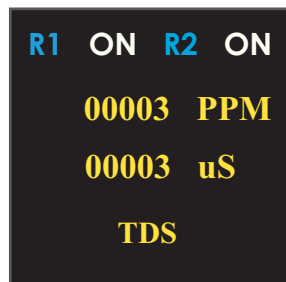


+



TO SAVE DATA
&EXIT TO MAIN DISPLAY

RANGE SELECTION



PRESS



PRESS

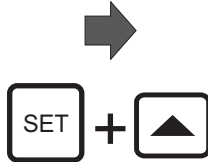


YOU CAN SET RANGE AS PER REQUIRED
NOTE : The Range is already set and calibrated
from factory so do not disturb it. if you change
range the Calibration may Differ.

UNIT SELECTION

R1 ON R2 ON
00003 PPM
00003 uS
TDS

PRESS



RANGESELECT
01280 PPM
CONTROL SELECT
PPM

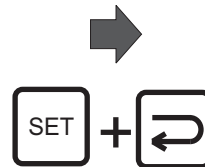
PRESS



RANGESELECT
01280 PPM
CONTROL SELECT
PPM

YOU CAN SET UNIT IN
uS OR PPM AS REQUIRED

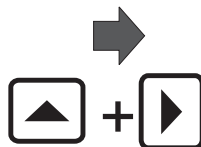
PRESS



CALIBRATION

R1 ON R2 ON
00003 PPM
00003 uS
TDS

PRESS



CALIBRATION
+0000 PPM
CONTROL RELAY
R1 H
R2 H

PRESS

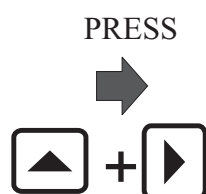


TO CHANGE
CALIBRATION
OFFSET DISPLAY
WILL CHANGE
COLOR

CALIBRATION
+0000 PPM
CONTROL RELAY
R1 H
R2 H

RELAY OPERATION

R1 ON R2 ON
00003 PPM
00003 uS
TDS



CALIBRATION
+0000 PPM
CONTROL RELAY
R1 H
R2 H

PRESS



TO CHANGE
RELAY OPTION
NOW PRESS

CALIBRATION
+0000 PPM
CONTROL RELAY
R1 H
R2 H

PRESS



CALIBRATION
+0000 PPM
CONTROL RELAY
R1 H
R2 H

If you select H The Relay will
ON before Set Point and if
Select C The Relay will ON
After Set Point

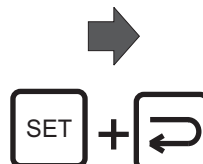
PRESS



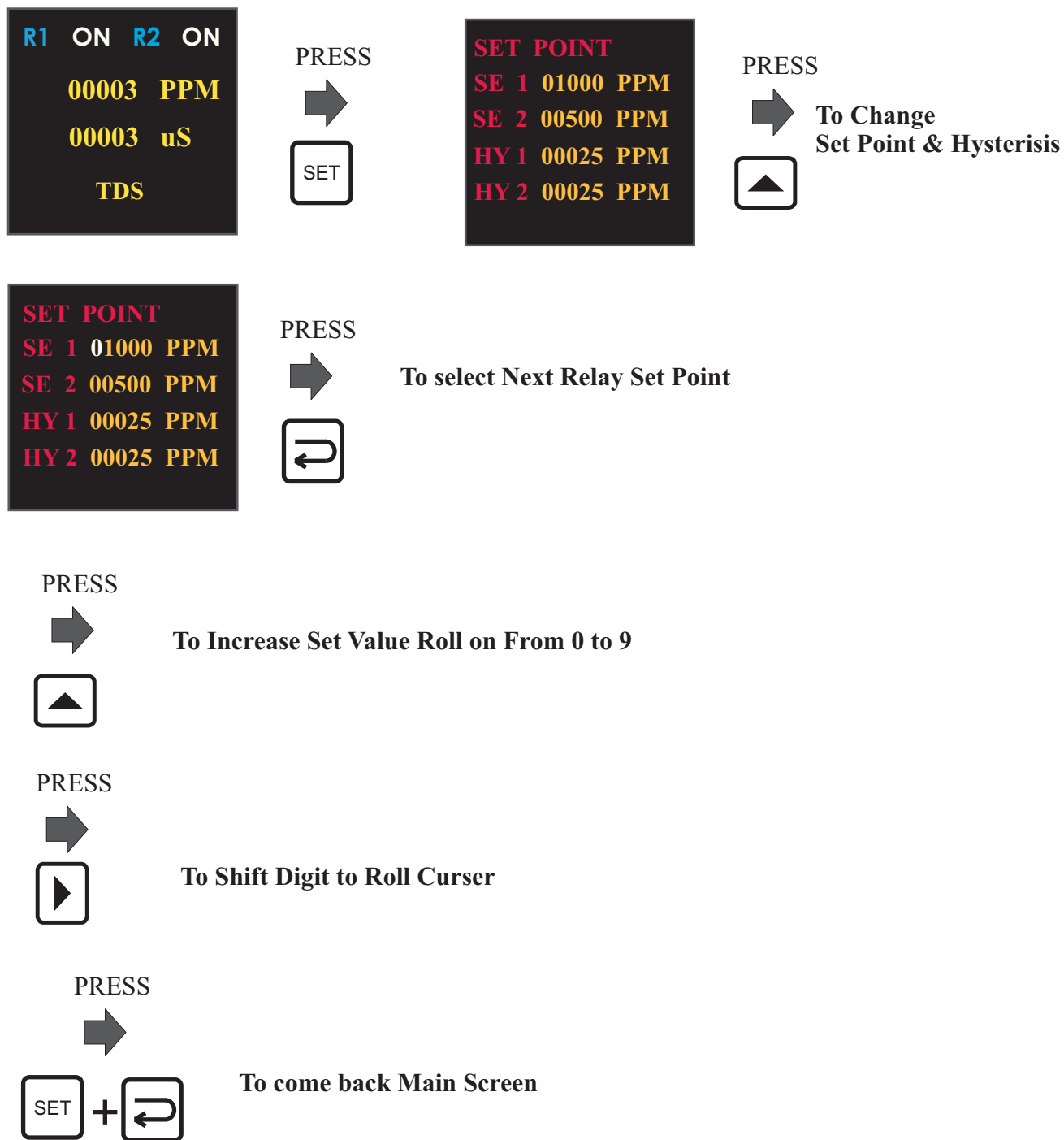
CALIBRATION
+0000 PPM
CONTROL RELAY
R1 C
R2 H

Using Same Operation
you Can Select Relay
R2 For H & Control

PRESS



SET POINT



The HY 1 & HY 2 are Hysteresis for Relay operation to Make Relay Difference ON & OFF to avoid Chattering.



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