

INFINITY INTELLIGENT TDS/CONDUCTIVITY CONTROLLER



Specially designed to display online product water TDS / CONDUSCTIVITY of your systems



High Accuracy
Online TDS / COND. Display
Easy Installation
Easy Parameters Setup
Easy to Monitor
Less Piping Work
Easy Maintenance

TDS Conductivity measurements are used routinely in several industrial and environmental applications as a fast, inexpensive and reliable way of measuring ionic Content in a solution. The measurement of product conductivity is a typical way to monitor and continuously trend the performance of water purification systems. we at Infinity, offer you a full range of conductivity and TDS meters.

METER CONTROLLER SPECIFICATION

Physical Dimensions :	96(W) x 96 (L) x 53 (D) mm.
Cut Out Size :	92(W) x 92 (L) mm.
Enclosure :	ABS
Mounting :	Panel
Input Supply :	230 V A.C.
Display :	4 Digit 7 Segment Display
Calibration temperature :	Using Internal Setting
temperature :	0-60 °C
Ranges TDS :	1 to 1000 ppm
Ranges COND. :	1 to 2000 µs/cm



ADVANTAGES

TDS/COND. Sensor's Easy installation
7A / 230V Relay For high and low Tripping
7 segment Display for Easy Monitoring
Two different parameters like
TDS & CONDUCTIVITY both monitor on one display

SETTINGS

TDS & COND. High level can Set
TDS & COND. low level also can Set
TDS & COND. Also calibrate from inside settings

TRIPPING

High TDS & COND. level tripping
Low TDS & COND. level tripping

SENSOR SPECIFICATIONS

MOC	:	SS316L & Nylon
End CONNECTION	:	3/4" & 1/2" BSPM
Cell Constant	:	0.1 k
Cable	:	2 Core Shielded
Cable Length	:	3 Feet
Max. Temperature	:	0-60 °C
Max. Operating Pressure	:	5 kg/cm ²

MODEL : TCS+

Resolution	:	9.766 μ V
Accuracy	:	\pm 2%
Relay	:	7A/230V
Tripping	:	NO / NC Settable

APPLICATIONS



MINERAL WATER PLANTS



BEVERAGE INDUSTRY



LIQUID WASTE MANAGEMENT



PHARMA & CHEMICAL



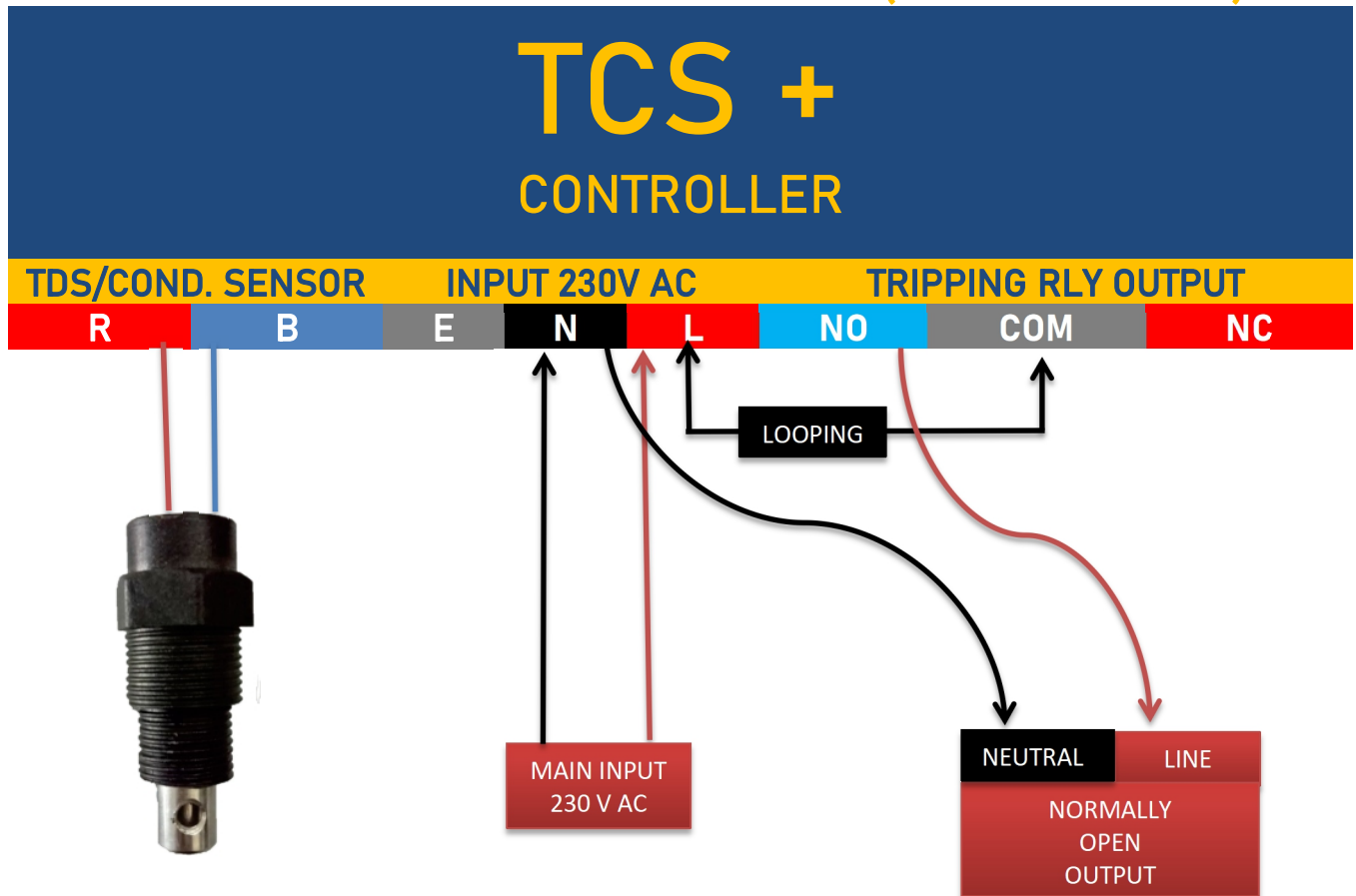
PULP & PAPER INDUSTRY



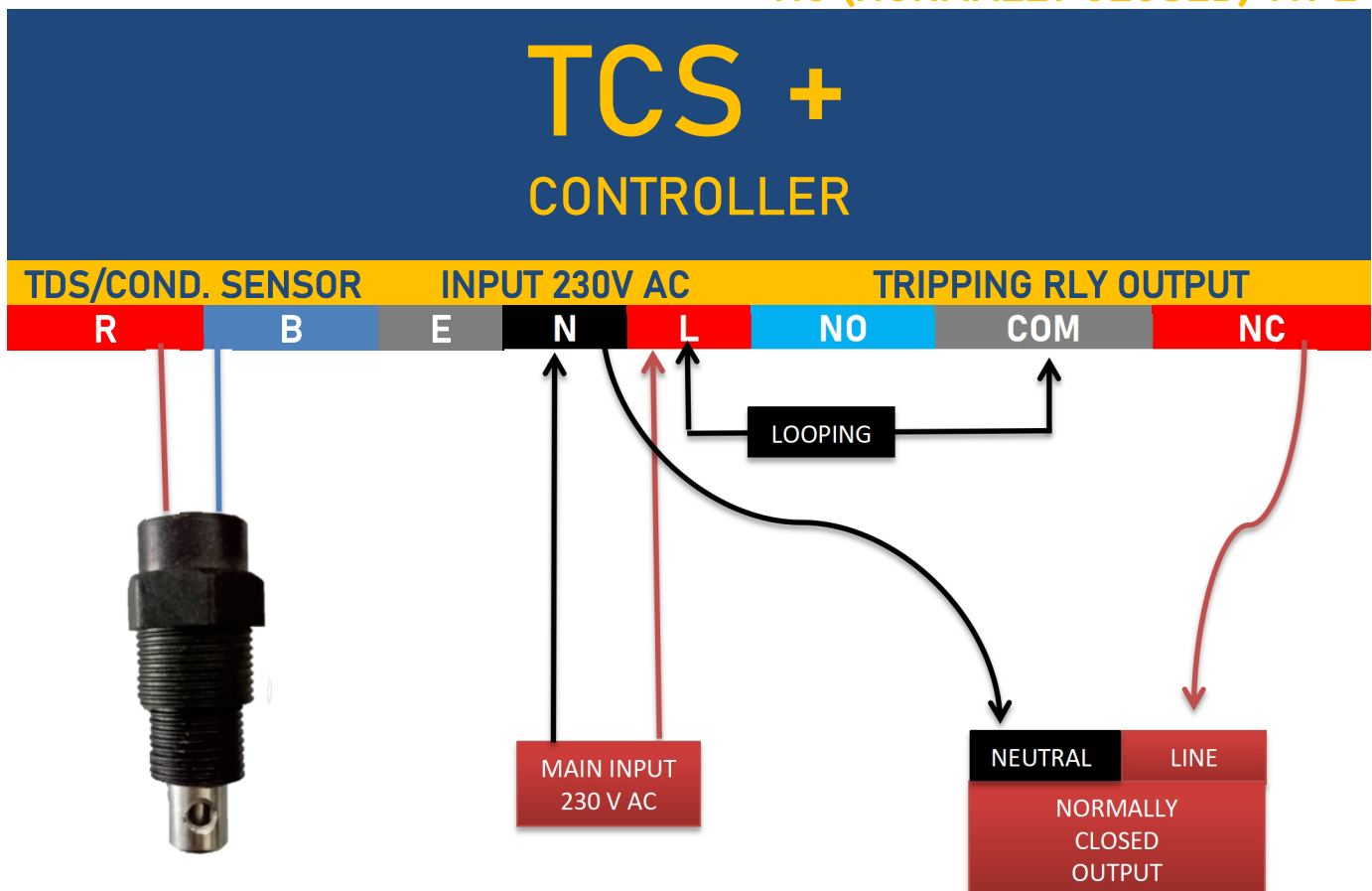
SWIMMING POOL

WIRING DIAGRAM

NO (NORMALLY OPEN) TYPE



NC (NORMALLY CLOSED) TYPE



NOTE : Not Recommended to use more than 10-12% of any acidic or alkali solution.