

DIGITAL pH INDICATOR/CONTROLLER

INTRODUCTION

Eelcon Digital pH controller FUC Touch is a precise and compact pH Monitoring System using solid state devices for direct measurement of pH. It is basically a precise voltage measuring device with added features for higher stability and accuracy. The high input impedance and the stability of its measuring circuit enable it to make the chemical measurements with outstanding precision and reproducibility.



TECHNICAL SPECIFICATION

| | |
|----------------------------|---|
| ❖ PH Range | : 0 - 14 pH |
| ❖ Resolution | : + 0.01digit |
| ❖ Repeatability | : + 0.2 pH + 1 Digit |
| ❖ Accuracy | : 0.1 pH + 1 Digit in reading |
| ❖ Temperature Compensation | : Manual /Auto (PT100) |
| ❖ Input Impedance | : Very High Input Impedance - 1.5TΩ |
| ❖ Power Supply | : 230 VAC, 50 Hz or 24VDC |
| ❖ Control Setting | : Two Set point |
| ❖ Display | : Two 4-digit LED display for pH & Temp. |
| ❖ Button Key | : Touch buttons for parameter setting |
| ❖ Calibration | : Multipoint Point Auto calibration. |
| ❖ Power | : 230 V; 50 Hz; AC |
| ❖ Control Output | : Two Relay potential free Contact Of 5 Amps. |
| ❖ Current Output | : 4-20mA DC / Modbus RS485. |
| ❖ Enclosure Type | : Explosion Proof |
| ❖ Dimensions(mm) | : 150(H) x 150(W) x 120(D) |
| ❖ Area Classification | : Zone 1 and 2 |
| ❖ Ingress Protection | : IP65 |
| ❖ Mounting type | : Wall mount using 4 Nos of M8 size bolts |
| ❖ Gland / plug | : Five Nos. 3/4" ET Cable glands. |



Eelcon Innovatives

411-412, 4th Floor, Lilleria Paramount,
Near Tulsidham Circle, 36 mtr Road, Manjalpur,
Vadodara, Gujarat. Email: info@eelcon.in