



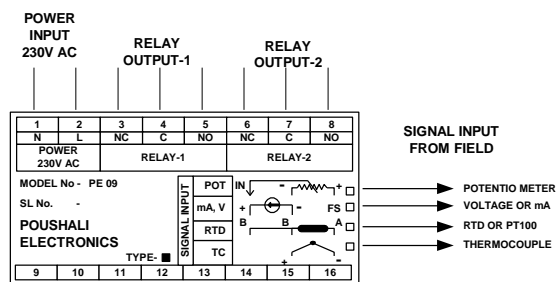
INTRODUCTION

The Poushali Electronics make Microprocessor based Digital Dual Set Point Controller has been designed to operate the equipment used for process (like temperature, pressure, %Rh, weight, level etc) control purpose in all types of modern Industries, specially in the POWER, CEMENT, METAL & STEEL, MATERIAL HANDLING sectors.

The controller is front panel mounting type and hazard free in operation. It is designed with Microprocessor and Op-amp ICs, which are reliable and give highly stable output, which provide steady and hazard free operation. All components used, are easily available to facilitate easy and cost effective maintenance.

The controller is having a “Process Display” along with Relay LED that provide visual indication for energized relay. It is also having four ‘Push Switch’ to program and set the control set point.

CONNECTION DIAGRAM



SPECIFICATIONS

| | | |
|-----------------------------|---|--|
| Signal Input | : | RTD / TC / mA / Vol. |
| Display Range | : | 0 to 9999 (as per input signal) |
| Accuracy | : | 0.5% of Full Scale |
| Re-transition Output | : | 4-20mA (optional) |
| Potential Free Relay output | : | 2Nos |
| Relay Contact | : | 1CO, 3Amps for 220VAC / 10Amps for 24V DC |
| Power Supply | : | 220V AC +/- 10%, 50 Hz (110V AC +/- 10%, optional) |
| Enclosure | : | Front Panel mounting type IP50 |
| Size | : | 96mm (W) x 48mm (H) x 120mm (D) |
| Cutout | : | 92mm (W) x 45mm (H) |
| Material | : | White colour plastic (ABS) enclosure |
| Ambient Temperature | : | Up to 55 Deg.C |

Poushali Electronics

P/11A, second street, Modern Park,
Kolkata – 700 075,

Ph: 9432249938/ 033-2416 1320

Email: info@poushalielectronics.com, subrata.sd@rediffmail.com