



EMC AUTOMATION PVT. LTD.

Programmable Logic Controller

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Nano PLC- 04,06,08

Specification :

1. **No. of Timers - 16 max.**
 - a) Timers Range – 00.00 to 99.99 Sec.
 - b) Timers Least Count – 10 Milisecond
 - c) Timers Accuracy - $\pm .01\%$
 - d) Time Base – Quartz Crystal
 - e) Counting Mode of Timers – Down counting Type Std. Up counting on Request
2. **No. of Inputs – 4, 6, 8 Max.**
 - a) Input Voltage – 24 VDC Std.
 - b) Must on Voltage – 14VDC
 - c) Min. Input pulse width – 20msec.
3. **No. of Outputs – 4, 6, 8 Max.**
 - a) Output Voltage – 24VDC Std.
 - b) Output Type – Transistor Open collector O/P
 - c) Output Current – 1Amp-Max.
 - d) Output Protection – Output short circuit protected for momentary short. (1 min Max.).
4. **Counter – 1 total Count.**
 - a) Counter Range – 999999 Count Max.
 - b) Counter Pulse – Internally from sequence software command.
5. **Sequence of Operation – As per customer provided sequence of operation.**
6. **Front**
 - a) Display – 2 line Alphanumeric character LCD Display to display All settings & operational parameters.
 - b) Keys – 8 Keys Keyboard below LCD Display to enter all settable parameters & give Auto/MAN commands etc
7. **Back**
 - a) Two, 8 way terminals for Inputs, Outputs & power to PLC.



8. **Power**
 - a) Power to unit $\pm 24\text{VDC}/500\text{mA}$ $\pm 10\%$
 - b) Power for I/O operation $\pm 24\text{ VDC}$
9. **Size**
 - a) Cutout – 90 x 90 mm
 - b) Overall – 96 x 96 x 120mm.