

## PLC

### FP-X

- High Speed 32 bit RISC Processor, scan time of less than 2 msec for a 5000 step program
- 3 CPU models of 14 I/O, 30 I/O and 60 I/O
- 32K steps memory for 30 I/O and 60 I/O CPU and 16K steps for 14 I/O CPU, Data memory of 32k Words
- Maximum of 382 I/O s, Max 28 Analog I/P and 12 Analog O/P are possible.
- TC and RTD inputs for temperature control with PID functions and Auto Tuning Function
- Expand communication with additional RS232C/ RS 485 and Ethernet ports
- Built in 4 axis Pulse O/P function of 2 channels of 100 KHz and 2 channels of 20 KHz
- Linear Interpolation function for superior motion control



### FP0-R

- Super compact, High Performance, with built in USB
- PTO function upto 50 KHz, 4 Axis of Control
- Special functions for labeling, Gearing
- 32K program memory and data memory of 32K Words with high speed processing upto 80nsec/step.
- Max 64 I/P and 64 O/P transistor or 54 O/P relay. Max 24 Analog I/P and 12 Analog O/P.



### FP-Σ

- Super Compact High Performance PLC
- Up to 384 I/Os . Max 192 I/P and 192 O/P transistor or 56 relay. Max 40 Analog I/P and 28 Analog O/P are Possible.
- Program memory of up to 32K steps, Data Memory 32K to 1056K words
- High Level Motion control with Linear and Circular interpolation on the CPU with up to 100 KHz PTO function for 2Axes.
- Ethernet TCP/IP, S - Link, CAN open and DeviceNet.



### FP2SH

- High Speed and High Performance PLC
- Upto 768 I/o points and 2048 Maximum controllable I/O points
- High program capacity of 120 K steps
- Can control upto 112 axis of control using RTEX.
- RS232C, RS422 and RS485 interfaces
- Supports Ethernet TCP/IP, Modbus, S - Link, CAN open and DeviceNet.



## Common Features

- UL/ CE rating available for most models
- Programming is as per IEC 61131-3 standards and supports Open PLC platform
- Supports Ladder, Function Block, Structured Text, Instruction List and Sequential Function Chart type of programming
- Upto 8 levels of password protection
- Additional software available for Control COMMX for visual environments and OPC server for SCADA applications