

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

FP2SH

* Refer to our website for details of product.

RoHS compliance

*1 Conforming to Low Voltage Directive, EMC Directive

Related Information ■ General terms and conditions..... F-3



panasonic.net/id/pidsx/global

Features

- **Scanning time of 1 ms for 20 k steps**

  FP2SH enables to run 20 k steps program at 1 ms. It will dramatically decreased tact time and high-speed device.

- **Large programming capacity of up to 120 k steps**

  Both the large programming capacities of 32 k, 60 k and 120 k are available depending on the model.

- **Optional small PC card is also available.**

  The small PC card is available for programming backup or data memory expansion. This allows data processing of great amounts of data.

- **Built-in comment and calendar timer functions**

Scanning time of 1 ms for 20 k steps
A high-performance model for high-speed operation

POWER SUPPLY / I/O SPECIFICATIONS

Item	Descriptions
Power supply	100-120 V AC / 200-240 V AC / 100-240 V AC / 24 V DC (varies with different models)
Input	12 to 24 V DC / 24 V DC ±common
Output	Relay 2 A to 5 A, Transistor 0.1 A to 0.5 A (varies with different models)

SPECIFICATIONS

Item		Descriptions
Number of I/O points		Up to 768 points per one boad
Expansion	Standard	Up to 1 backplane, Units: 25 max., I/O points: 1,600 max., Remote I/O points: 8,192 max.
	H type	Up to 3 backplane, Units: 32 max., I/O points: 2,048 max., Remote I/O points: 8,192 max.
Operation speed		0.03 µs/step (Basic instruction)
Built-in memory		RAM (ROM / small PC card is optional)
Memory capacity		32 k steps approx. / 60 k steps approx. / 120 k steps approx. (varies with different models)
Operation memory	Internal relay	14,192 points
	Timer / Counter (T/C)	3,072 points in total
	Data register	10,240 words
	File register	32,765 words × 3

SPECIAL FUNCTIONS

Item		Descriptions
Analog I/O		Available by adding analog input and analog output units.
High speed counter		Available by adding high-speed counter unit. (Max. 200 kHz)
Positioning		Available by adding positioning unit. (Max. 4 Mpps) * The positioning unit for RTEX can be used.
Serial	RS-232C port	Standard equipped with CPU unit. Expandable by adding C.C.U., serial data unit and M.C.U.
	RS-422 RS-485	Expandable by adding M.C.U.
Interrupt input		Available by adding high-speed counter unit or pulse I/O unit.

SPECIAL NETWORK FUNCTIONS

Item	Descriptions
Remote I/O	**S-LINK**, **MEWNET-F**
PLC Link	**MEWNET-W2** (Wire) **MEWNET-W0** **MEWNET-VE** **FL-NET**
Computer Link	Linkable by using tool port or COM. port on CPU unit. Also available by adding M.C.U. and C.C.U.
Modem connection	Available

OTHER BUILT-IN FUNCTIONS

Item	Descriptions
Program block-edit during RUN	Available
Constant scan	Available
Clock / Calendar function	Built-in type

FIBER SENSORS
LASER SENSORS
PHOTOELECTRIC SENSORS
MICRO PHOTOELECTRIC SENSORS
AREA SENSORS
SAFETY LIGHT CURTAINS / SAFETY COMPONENTS
PRESSURE / FLOW SENSORS
INDUCTIVE PROXIMITY SENSORS
PARTICULAR USE SENSORS
SENSOR OPTIONS
SIMPLE WIRE-SAVING UNITS
WIRE-SAVING SYSTEMS
MEASUREMENT SENSORS
STATIC CONTROL DEVICES
LASER MARKERS
PLC
HUMAN MACHINE INTERFACES
ENERGY MANAGEMENT SOLUTIONS
FA COMPONENTS
MACHINE VISION SYSTEMS
UV CURING SYSTEMS

Applications
PLC
Software
Program Transfer
Others

FP7
FP-X0
FP0R
FPΣ
FP-X
FP2SH
FP-e

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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