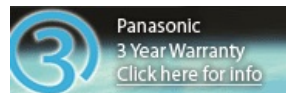


## PLC Programmable Controls: FPΣ Part Numbers

Automation Control Products

- ▶ PLC Controls
  - Communication Interfaces
  - FPe
  - FP0R
  - ▶ **FPΣ**
  - FPX
  - FP2
  - FP Impulse Controller
  - FPWIN-PRO Software
  - FPWIN-GR Software
- ▶ HM Panels
- ▶ Industrial Sensors
- ▶ Laser Markers
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- ▶ UV Curing Systems
- ▶ Machine Vision/ID Products
- ▶ Timers
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- ▶ Counters
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- ▶ Power Meters



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Part numbers for FPΣ appear below.

You can sort models by clicking on the column title. You can also filter models by using the drop down boxes.



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### Control Units

Model Name	Power	Pulse Outputs	Extra Com Ports	Dc Inputs	Npn Outputs	Pnp Outputs	Relay Outputs	Program Size (K)
FPG-C24R2	24VDC	No	Option	16			8	12
FPG-C24R2H-A	24VDC	No	Option	16			8	32
FPG-C24R2HTM	24VDC	No	Option	16			8	32
FPG-C24R2TM	24VDC	No	Option	16			8	12
FPG-C28P2	24VDC	Yes, up to 2 Axis	Option	16		12		12
FPG-C28P2H-A	24VDC	Yes, up to 2 Axis	Option	16		12		32
FPG-C28P2HTM	24VDC	Yes, up to 2 Axis	Option	16		12		32
FPG-C32T2	24VDC	Yes, up to 2 Axis	Option	16	16			12
FPG-C32T2H-A	24VDC	Yes, up to 2 Axis	Option	16	16			32
FPG-C32T2HTM	24VDC	Yes, up to 2 Axis	Option	16	16			32
FPG-C32T2TM	24VDC	Yes, up to 2 Axis	Option	16	16			12

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### Digital Expansions

Model Name	Dc Inputs	Npn Outputs	Pnp Outputs	Relay Outputs
FP0-E16P-A	8		8	
FP0-E16RS-A	8			8
FP0-E16RST27	8			8
FP0-E16T-A	8	8		
FP0-E16X-A	16			
FP0-E16YP-A			16	
FP0-E16YT-A		16		
FP0-E32P-A	16		16	
FP0-E32T-A	16	16		
FP0-E8RS-A	4			4
FP0-E8X-A	8			
FP0-E8YP-A			8	
FP0-E8YRS-A				8
FP0-E8YT-A		8		
FPG-XY64D2P-A	32		32	
FPG-XY64D2T-A	32	32		

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### Communication Cassettes

Model Name	Ethernet	Rs232	Rs485/422	Max. Baudrate (K)

FPG-COM1-A	No	Yes	No	115
FPG-COM2-A	No	Yes	No	115
FPG-COM3-A	No	No	Yes	115
FPG-COM4-A	No	Yes	Yes	115

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### Communication Expansions

Model Name	Ethernet	Modbus	Profibus	Remote I/o
FP0-DPS2	NO	NO	Slave	NO
FP0-IOL	NO	NO	NO	YES
FPWEB2	YES	Modbus TCP	NO	NO

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### Memory Units

Model Name	Memory Size (K)
FPG-EM1	256

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### Motion Expansions

Model Name	Num. Of Axes	Output Type	Max. Pulse Output	Linear Interpolation	Circular Interpolation	Spiral Interpolation	Pulse Inputs	Max. Pulse Inputs (Kpps)
FPG-PN2AN	2	Network	N/A	Yes	Yes	Yes	3	1000
FPG-PN4AN	4	Network	N/A	Yes	Yes	Yes	3	1000
FPG-PN8AN	8	Network	N/A	Yes	Yes	Yes	3	1000
FPG-PP11	1	NPN	500Kpps	No	No	No	1	500
FPG-PP12	1	Line Driver	4Mpps	No	No	No	1	4000
FPG-PP21	2	NPN	500Kpps	No	No	No	2	500
FPG-PP22	2	Line Driver	4Mpps	No	No	No	2	4000

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### Analog Expansions

Model Name	Thermocouple	Rtd	Voltage Input	Current Input	Current Output	Inputs	Outputs
FP0-A04I	NO	NO	NO	NO	0-20 mA		4
FP0-A04V	NO	NO	NO	NO	NO		4
FP0-A21	J, K, and T Type	NO	0 to 5 V, -10 to +10 V	0 to 20 mA	0 to 20 mA	2	1
FP0-A21T26	NO	NO	0 to 5 V	0 to 20 mA	NO	2	
FP0-A80	NO	NO	0 to 5 V, -10 to +10 V, -100 to +100mV	0 to 20 mA	NO	8	
FP0-RTD6	NO	PT100, PT100, Ni1000, Resistor	NO	NO	NO	6	
FP0-TC4	J, K, T and R Type	NO	NO	NO	NO	4	
FP0-TC8	J, K, T and R Type	NO	NO	NO	NO	8	

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### Accessories

Model Name	Description
AFC1520M-US9	3m GT-Series Programming Cable for GT01/GT01R(5v/24v) / GT11/ GT21/ GT30.
AFP0581	FP0 POWER CABLE
AFP0803	10pcs of FP0 back mounting plate
AFP0804	10pcs of FP0 side mounting plate
AFP0806	SCREW DRIVER FOR FP0
AFP0807	10 PINS ML CONNECTORS W/CONTACTS+COVERS
AFP0811	FP SIGMAMOUNTING PLATE 10pcs
AFP8501	1/F 1AXIS TERMINAL BLOCK
AFP8502	I/F 2AXIS TERMINAL BLOCK
AFP8503	FPG-PP12 to Panasonic servo interface block for 1 axis, Encoder feedback
AFP8504	FPG-PP22, FP2-PP22/PP42 to Panasonic servo interface block for 2 axis, Encoder feedback
AFP85111	CABLE, MINASADRIVER TO I/F TERMINAL 1m
AFP85112	CABLE, MINASADRIVER TO I/F TERMINAL 2m
AFP85121	CABLE, MINAS EX DRIVER TO I/F TERMINAL 2m

AFP85122	CABLE, MINAS EX DRIVER TO I/F TERMINAL 2m
AFP85131	Servo interface block(AFP8503,AFP8504) to Panasonic Aseries cable, 1m, Encoder feedback
AFP85132	Servo interface block(AFP8503,AFP8504) to Panasonic Aseries cable, 2m, Encoder feedback
AFP85141	Servo interface block(AFP8503,AFP8504) to Panasonic S series cable, 1m, Encoder feedback
AFP85142	Servo interface block(AFP8503,AFP8504) to Panasonic S series cable, 2m, Encoder feedback
AFPG804	FP SIGMABATTERY
AFPG805	FP SIGMAPNP TYPE I/O CABLE
AY1510-US	INDIVIDUAL CABLE W/ 10PIN ONE CONNECTOR, 1M
AYT1505-US	FLAT CABLE W/ 2x10PINS AND 1x20PIN 50CM
AYT1510-US	FLAT CABLE W/ 2x10PINS AND 1x20PIN 1M
AYT58403	40 PIN TO PIGTAIL CABLE, 1M
AYT58406	INDIVIDUAL CABLE W/ 40PIN CONNECTOR, 3M
CT1-20	Low cost, Connector terminal, 20pin - 20 screw terminal, DIN rail mount
CT1-40	Low cost, Connector terminal, 40pin - 40 screw terminal, DIN rail mount
CT2-C-20	Small Connector terminal, 20pin - 20 screw terminal, DIN rail mount, Easyremovable
CT2-C-40	Small Connector terminal, 40pin - 40 screw terminal, DIN rail mount, Easyremovable
FP-PS24-050E	2.1APOWER SUPPLY
FP0-PSA2	FP0 Power supply 24VDC , 0.7A, UL/CSA/CE removable terminal
FP0-PSA4	FP0 0.7APower Supply 85-264VAC TO 24VDC, CE

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## Manuals And Software

Model Name	Description
AFP8671	FP PROGRAMLOADER (Keeps Retentive Memory)
AFPS66510	RTEX Configuration Software
AFW1033	USB KEY FOR PCWAY
AFW20031	CommX (ActiveX)WAUSB KEY
FPWEBTOOL2D	FP Web Version 2 Configurator Software - Replaces FPWEBTOOLD
FPWINGRF-EN2	PLC Programming Software Full - Supports all FP Series controllers
FPWINGRS-EN2	PLC Programming Software Small -- Supports FP0/FP1/FPM/FP Sigma/FPX/FPe/FP Impulse Controller
FPWINPRO6-FULL	FPWINPRO VER 6.0 - FULL VERSION
FPWINPRO6-SMALL	FPWINPRO VER 6.0 - SMALL VERSION
FPWINPRO6-UPGRADE	FPWINPRO VER 6.0 - FULL VERSION UPGRADE
FPWINPRO6-SMALL-UPGRADE	FPWINPRO VER 6.0 - SMALL VERSION UPGRADE
XACG-M0130V	FPWINPRO Programming Manual for FP0/FP1/FPM
XACG-M0131V	FPWINPRO Programming Manual for FP2/FP2SH/FP3/FP10SH
XACG-M0132V	FPWINPRO Programming Manual for FPSigma
XACG-M0151	FPWEB Manuel
XACG-M299E	PCWAY USER MANUAL
XACG-M333E	FP-SIGMAENGLISH VER. 1 MANUAL
XACG-M365E	FP SIGMAPOSITIONING MANUAL

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