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
- HMI Panels
- Industrial Sensors
- Laser Markers
- Servos & Drives
- UV Curing Systems
- Machine Vision/ID Products
- Timers
- Limit Switches
- Temperature Controllers
- Counters
- Hour Meters
- Power Meters

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Overview | Part Numbers | Specifications | Dimensions | Expansion Units | Software



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.

Download FPΣ product catalog in PDF format for more in-depth information

- Control Units
- Digital Expansions
- Communication Cassettes
- Communication Expansions
- Memory Units
- Motion Expansions
- Analog Expansions
- Accessories
- Manuals And Software

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 MIL CONNECTORS W/CONTACTS+COVERS
AFP0811	FP SIGMA MOUNTING 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, MINAS A DRIVER TO I/F TERMINAL 1m
AFP85112	CABLE, MINAS A DRIVER 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 A series cable, 1m, Encoder feedback
AFP85132	Servo interface block(AFP8503, AFP8504) to Panasonic A series 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 SIGMA BATTERY
AFPG805	FP SIGMA PNP 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, Easy removable
CT2-C-40	Small Connector terminal, 40pin - 40 screw terminal, DIN rail mount, Easy removable
FP-PS24-050E	2.1A POWER SUPPLY
FP0-PSA2	FP0 Power supply 24VDC , 0.7A, UL/CSA/CE removable terminal
FP0-PSA4	FP0 0.7A Power Supply 85-264VAC TO 24VDC, CE

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Manuals And Software

Model Name	Description
AFP8671	FP PROGRAM LOADER (Keeps Retentive Memory)
AFPS66510	RTEX Configuration Software
AFW1033	USB KEY FOR PCWAY
AFW20031	CommX (ActiveX) W/A USB 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
FPWINPROF6-UPGRADE	FPWINPRO VER 6.0 - FULL VERSION UPGRADE
FPWINPROS6-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-SIGMA ENGLISH VER. 1 MANUAL
XACG-M365E	FP SIGMA POSITIONING MANUAL

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