

programmable logic controllers
power, speed, and flexibility



Both \$407
1 PLC + 1 HMI + 1 cable

NEW CUSTOMER SPECIAL only \$669
INCLUDES: Training, PLC, GT-01 Touch Screen, both software, programming + communication cables and Panasonic pen-pencil.

AFPX-C14R at \$125 is a compact **PLC** suited for small to medium size machines
Its list of features cannot be compared. **This is not an entry level PLC !**

- Powered by 100-240VAC
- 16k steps program memory
- 12k registers (32k 30I/O CPU)
- Enough memory to hold your program with all the comments and Function Blocks
- Programmable by IEC 1131 software
- 8 inputs DC, 6 relay outputs
- 8 High Speed Counters up 50kHz
- Up to 4 axis motion control optional
- Simple to use Peer to Peer (16 stations)
- Expandable to 300+ I/O, and analog
- Optional ports RS232, RS485, USB, Ethernet

Part number	Description	Price
AFPX-C14R	PLC, 8 in (24VDC), 6 Relay outputs, 100-240V AC	\$ 125.00
★ AIGT0030B1	Black HMI, 3", 3 colors, pass-through communication	\$ 262.00
AFC1500-US	HMI to PLC communication cable	\$ 20.00

Analog Timer

- 8 Operation Modes (PM4HA)
- Multi Time Ranges: 1s to 500hrs (Max)
- Short body: 62.5mm (2.461 in) (Screw Terminal Type)
- IP50/IP65 Rated: Front panel protected against water splash and dust



From \$32

Part number	Description	1 pc+	5 pcs+
PM4HS-H-AC240V	Multi-Range Power On Delay Timer, 100-240VAC (8 pin)	\$ 35.00	\$ 32.00
ATC180031	8 pin base	\$ 5.00	\$ 4.50
PM4HA-H-AC240V	Multi-Range Multi-Mode Timer, 100-240VAC (11 pin)	\$ 35.00	\$ 32.00
ATC180041	11 pin base	\$ 5.00	\$ 4.50

Temperature Controller

- Slim Size (22.5mm x 75 x 100 mm)
- RS485 ASCII/Modbus Communication Function optional
- Supply: 24V AC/DC or 100-240V AC
- Common Applications: Constant temperature bath, scrubber, shrink-wrapping, oven, warm and cold storage units.
- Universal Inputs: Thermocouple, RTD, DC current, DC voltage
- Control Modes: PID, On/Off, Anti-Reset-Windup (ARW), signal conditioner function (AKT7)
- Tune and test software (AKT4H comes with multiple Set Points)



Under \$150

Part number	Description	Price
AKT4111100	48x48 mm, 100-240V AC, Multi-Input, Relay (Out-1), 1 Point Alarm	\$ 148.00
AKT4111200	48x48 mm, 100-240V AC, Multi-Input, Relay (Out-1), 2 Point Alarm	\$ 158.00

Limit Switch

- AZ8: Dust-Proof, Waterproof, Oil Resistant
- AZ8: Compact Design
- AZ8: Easy Wiring with Full-Open Terminals
- AZD: Au-Clad Contacts that use Low Level Circuit - Limits chattering and bouncing
- AZD: Uses a Unit System - Any combination of actuator, head block, and unit block is possible
- AZD: Wide Operating Temperature Range - (-30C to +80C...-22F to +176F)



Below \$13

Part number	Description	Price
AZ8104	Metal Base, Roller Arm Standard Type Limit Switch	\$ 16.95
AZ8108	Metal Base, Adjustable Roller Arm Standard Type Limit Switch	\$ 16.95
AZD1004	Reinforced Plastic, Roller Arm Forced Contact Limit Switch	\$ 12.95
AZD1008	Reinforced Plastic, Adjustable Roller Arm Forced Contact Limit Switch	\$ 12.95

SUNX sensors
industrial sensor solutions



High Performance Digital Fiber Optic Sensor

This sensor incorporates a dual digital display for simple setup, along with automatic push-button teaching. Advanced functions including threshold tracking, timers, LED attenuation, and interference prevention allow the FX-100 to compete with fiber optic units that are twice its price

Part number	Description	Price
FX-101-CC2	Digital Fiber Optic Sensor, Standard Type, NPN, 2m Cable	\$ 85.00
FX-101P-CC2	Digital Fiber Optic Sensor, Standard Type, PNP, 2m Cable	\$ 85.00
FX-101-Z	Digital Fiber Optic Sensor, Standard Type, NPN, M8 Connector	\$ 103.00
FX-101P-Z	Digital Fiber Optic Sensor, Standard Type, PNP, M8 Connector	\$ 103.00

TYPE 4 Safety Curtains (controller built in)

By integrating all functions into the light curtain itself, no longer is there a need for expensive safety controller unit or muting/blanking modules.

Part number	Description	Price
SF4B-H12	Type 4 safety: 20mm pitch to pitch, 9.0" high	\$ 799
SF4B-H48	Type 4 safety: 20mm pitch to pitch, 37.4" high	\$ 1699
SF4B-H96	Type 4 safety: 20mm pitch to pitch, 75.0" high	\$ 3499
SFB-CCB3	3m cables(set)	\$ 79
SFS4-L-DC24V	Force-guided relay, 4a, 2b, LED, 24VDC	\$ 15
SFS6-SFD	Relay base, 6 poles, DIN mountable	\$ 8

Threaded Miniature Photoelectric Sensor

The design of this sensor has been simplified to offer a fully integrated solution in a package that only needs one anchor point. The sensing element is threaded to allow mounting through a 4 or 6mm size hole by utilizing a "nut and bolt" type screw mount.

Part number	Description	Price
EX-32A-PN	50mm range, M6 Diffuse, Light On, PNP, photo sensor	\$ 103
EX-33	800mm range, M6 Through beam, Light On, NPN, photo sensor	\$ 133

World Standard Photo Eye (116 models)

An advanced optical system provides sensing performance that is 2.5 times approx. than conventional models. Even ultra-small differences of 0.4 mm (0.016 in) can be detected accurately. All units come also with PNP, and Quick Disconnect option.

Part number	Description	Price
CX-411	Thru-beam Red LED 10m Cable length: 2m 12-24VDC NPN	\$ 77
CX-423	Narrow-Diffuse Red LED 70-200mm Cable length: 2m 12-24VDC NPN	\$ 119
CX-441	Diffuse 2-50mm, 2%Hys. BGS/FGS, NPN, 2m cable	\$ 95
CX-442	Diffuse 20-300mm, 5%Hys. BGS/FGS, NPN, 2m cable	\$ 95
CX-443	Diffuse 2-50mm, 2%Hys BGS/FGS, NPN, 2m cable, 6.5mm spot	\$ 95
CX-482	Retro-Polar for transparent object 0.1 to 2m. Cable length 2m NPN	\$ 164

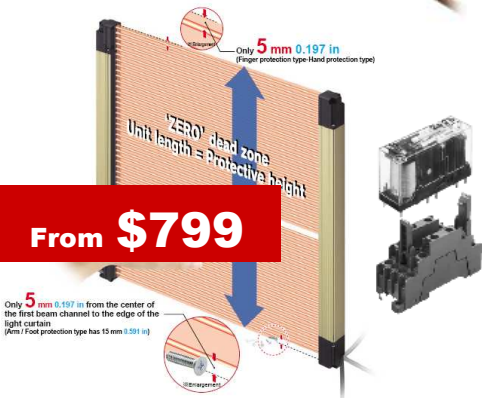
Dual Display Digital Pressure Sensor

The user can concurrently view the real-time pressure reading and threshold value for quick changes during routine machine maintenance. The highly readable display offers the setting of two colors to indicate the output state (red and green) as well as a third (orange) to indicate the menu settings. Also, both displays feature 12 segment characters, which allow for the display of letters in addition to numbers.

Part number	Description	Price
DP-101-N	(-100.0 to 100.0kPa), 2 NPN, NPT1/8 + M5 Female, cable	\$ 90
DP-102-N	(-0.1 to 1.0MPa), 2 NPN, NPT1/8 with M5 Female, cable	\$ 90
DP-101A-N	(-100.0 to 100.0kPa), NPN + Analog, NPT1/8 with M5 Female, cable	\$ 100
DP-102-A-N	(-0.1 to 1.0MPa), NPN + Analog, NPT1/8 with M5 Female, cable	\$ 100



From **\$85**



From **\$799**



Around **\$100**



From **\$77**



Starts at **\$90**

