

Dual PID Control Temperature Controller

■ Features

- Dual PID auto tuning function:
High-speed response of PID control to reach to the desired value fast, low-speed of response of PID control to minimize the overshoot even though response is a little bit slow.
- High display accuracy: $\pm 0.3\%$ (by F.S. value of each input)
- 2-step auto tuning control function
- Multi-input function
(13 kinds of multi-input selection function):
Temperature sensor, voltage and current selection function.
- Various sub output function:
Includes in LBA, SBA, 7 kinds of alarm output and 4 kinds of alarm option function, PV transmission output (DC4-20mA), RS485 communication output
- Display the decimal point for analog input



⚠ Please read "Safety Considerations" in operation manual before using.



■ Comprehensive Device Management Program (DAQMaster)

- DAQMaster is comprehensive device management program for convenient management of parameters and multiple device data monitoring.
- Visit our website (www.autonics.com) to download user manual and comprehensive device management program.

< Computer specification for using software >

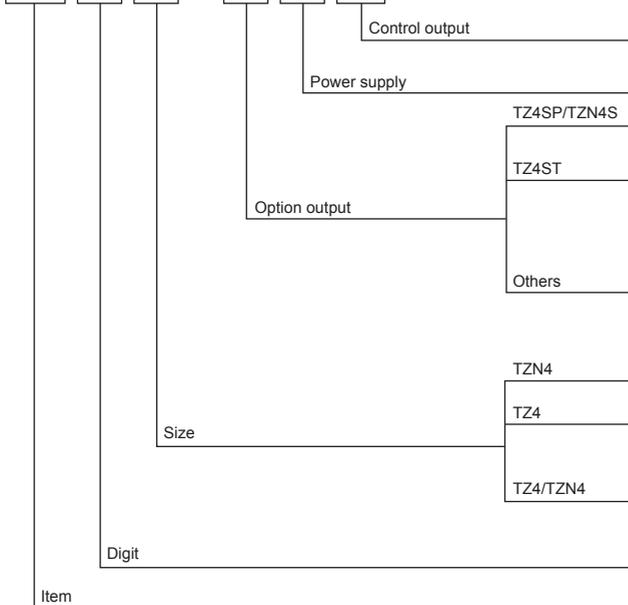
Item	Minimum requirements
System	IBM PC compatible computer with Intel Pentium III or above
Operating system	Microsoft Windows 98/NT/XP/Vista/7/8/10
Memory	256MB or more
Hard disk	More than 1GB of free hard disk space
VGA	1024×768 or higher resolution display
Others	RS-232 serial port (9-pin), USB port

< DAQMaster screen >



■ Ordering Information

TZ 4 M - 1 4 R



R	Relay output
S	SSR drive output
C	Current output(DC4-20mA)
4	100-240VAC 50/60Hz
1	Event 1 output
1	Event 1 output
2	Event 1 + Event 2 output
R	Event 1 + PV transmission output(DC4-20mA)
1	Event 1 output
2	Event 1 + Event 2 output
R	Event 1 + PV transmission output(DC4-20mA)
A	Event 1 + Event 2 + PV transmission output(DC4-20mA)
T	Event 1 + RS485 communication output
B	Event 1 + Event 2 + RS485 communication output
S	DIN W48×H48mm (terminal block type)
SP	DIN W48×H48mm (plug type) ^{*1}
ST	DIN W48×H48mm (terminal block type)
M	DIN W72×H72mm
W	DIN W96×H48mm
H	DIN W48×H96mm
L	DIN W96×H96mm
4	9999 (4-digit)
TZ	Temperature Controller
TZN	Temperature Controller

※ The unit cannot be configured with any random combination from the above ordering information.

Please refer to ■ Specifications for possible configurations.

※ 1: 11-pin sockets (PG-11, PS-11(N)) are sold separately.

- (A) Photoelectric Sensors
- (B) Fiber Optic Sensors
- (C) Door/Area Sensors
- (D) Proximity Sensors
- (E) Pressure Sensors
- (F) Rotary Encoders
- (G) Connectors/ Connector Cables/ Sensor Distribution Boxes/Sockets
- (H) Temperature Controllers
- (I) SSRs / Power Controllers
- (J) Counters
- (K) Timers
- (L) Panel Meters
- (M) Tacho / Speed / Pulse Meters
- (N) Display Units
- (O) Sensor Controllers
- (P) Switching Mode Power Supplies
- (Q) Stepper Motors & Drivers & Controllers
- (R) Graphic/ Logic Panels
- (S) Field Network Devices
- (T) Software