

**See Product Pages as more products have been released since this guide was produced**

**Selection Guide**



**Analog Input Model**

Model Name	AI			DO		
	Channel	Voltage and Current Input	Sensor Input	Channel	Type	Sink/Source
ET-7005 PET-7005 PET-7005-48V	8	-	Thermistor	4	Open Collector	Sink
ET-7015 PET-7015 PET-7015-48V	7	-	RTD: Pt100, Pt1000, Ni120, Cu100, Cu1000	-	-	-
ET-7017 PET-7017 PET-7017-48V	8	+/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V, +/-20 mA, 0 ~ 20 mA, 4 ~ 20mA	-	4	Open Collector	Sink
ET-7017-10 PET-7017-10 PET-7017-10-48V	10/20	+/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V, +/-20 mA, 0 ~ 20 mA, 4 ~ 20 mA	-	-	-	-
ET-7018Z PET-7018Z PET-7018Z-48V	10	+/-15 mV, +/-50 mV, +/-100 mV, +/-500 mV, +/-1 V, +/-2.5 V +/-20 mA, 0 ~ 20 mA, 4 ~ 20 mA	Thermocouple: J, K, T, E, R, S, B, N, C, L, M, and L <sub>DIN43710</sub>	6	Open Collector	Sink
ET-7019 PET-7019 PET-7019-48V	8	+/-15 mV, +/-50 mV, +/-100 mV, +/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V	Thermocouple: J, K, T, E, R, S, B, N, C, L, M, and L <sub>DIN43710</sub>	4	Open Collector	Sink
ET-7019Z PET-7019Z PET-7019Z-48V	10	+/-20 mA, 0 ~ 20 mA, 4 ~ 20 mA		6		

Ethernet I/O Products

**Note:** We recommend to choose ET-7019Z for accurate thermocouple measurement.

[ET/PET Module Selection Guide](#)



**Multi-function I/O**

Model Name	AI			AO		DI/Counter		DO	
	Channel	Voltage and Current Input	Sensor Input	Channel	Voltage and Current Output	Channel	Contact	Channel	Type
ET-7002 PET-7002 PET-7002-48V	3	+/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V, +0 mA ~ +20 mA, +/-20 mA, 4 ~ 20 mA	-	-	-	6	Wet (Sink,Source)	3	Power Relay (Form A)
ET-7016 PET-7016 PET-7016-48V	2	+/-15 mV, +/-50 mV, +/-100 mV, +/-500 mV, +/-1 V, +/-2.5 V, 0 ~ 20 mA, +/-20 mA, 4 ~ 20mA	Strain Gauge, Load Cell, Full-Bridge, Half-Bridge, Quarter-Bridge	1 <i>(Note)</i>	0 ~ 10V	2	Wet (Sink,Source)	2	Open Collector (Sink)
ET-7026 PET-7026 PET-7026-48V	6	+/-150 mV, +/-500 mV, +/-1 V, +/-5 V, +/-10 V, 0 ~ 20 mA, +/-20 mA, 4 ~ 20mA	-	2	0 ~ 5 V, +/-5 V, 0 ~ 10 V, +/-10 V, 0 ~ 20 mA, 4 ~ 20 mA	2	Dry (Source), Wet (Sink,Source)	2	Open Collector (Sink)

**Note:** The AO is configured as a voltage excitation source for the strain gauge.

 Digital I/O

Model Name	DI/Counter			DO			
	Channel	Contact	Sink/Source	Channel	Type	Sink/Source	Max. Load Current @ 25°C
ET-7042 PET-7042 PET-7042-48V	-	-	-	16	Open Collector	Sink	100 mA/channel
ET-7044 PET-7044 PET-7044-48V	8	Wet	Sink, Source	8	Open Collector	Sink	300 mA/channel
ET-7050 PET-7050 PET-7050-48V	12	Wet	Sink, Source	6	Open Collector	Sink	100 mA/channel
ET-7051 PET-7051 PET-7051-48V	16	Wet	Sink, Source	-	-	-	-
ET-7052 PET-7052 PET-7052-48V	8	Wet	Sink, Source	8	Open Collector	Source	650 mA/channel
ET-7053 PET-7053 PET-7053-48V	16	Dry	Source	-	-	-	-
ET-7055 PET-7055 PET-7055-48V	8	Dry, Wet	Sink, Source	8	Open Collector	Source	650 mA/channel

Ethernet I/O Products

 Relay Output & Digital Input

Model Name	Relay Output				DI/Counter		
	Channel	Relay	Type	Max. Load Current @ 25°C	Channel	Contact	Sink/Source
ET-7060 PET-7060 PET-7060-48V	6	Power Relay	Form A (SPST N.O.)	5.0 A/channel	6	Wet	Sink, Source
ET-7062 PET-7062 PET-7062-48V	2	Power Relay	Form C (SPDT)	5.0A, TV-5 rated/channel	6	Wet	Sink, Source
ET-7065 PET-7065 PET-7065-48V	6	PhotoMOS Relay	Form A	1.0 A/channel	6	Wet	Sink, Source
ET-7066 PET-7066 PET-7066-48V	8	PhotoMOS Relay	Form A	1.0 A/channel	-	-	-
ET-7067 PET-7067 PET-7067-48V	8	Power Relay	Form A (SPST N.O.)	5.0 A/channel	-	-	-