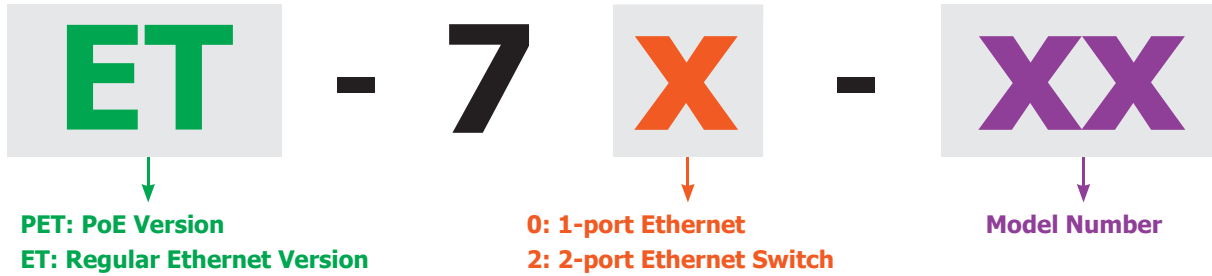


Selection Guide:



Analog Input Model



Model Name		AI			DO		
		Channel	Voltage and Current Input	Sensor Input	Channel	Type	Sink/Source
ET-7005 PET-7005	-	8	-	Thermistor	4	Open Collector	Sink
ET-7015 PET-7015	ET-7215 PET-7215	7	-	RTD: Pt100, Pt1000, Ni120, Cu100, Cu1000	-	-	-
ET-7017 PET-7017	ET-7217 PET-7217	8	±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V, ±20 mA, 0 ~ 20 mA, 4 ~ 20 mA	-	4	Open Collector	Sink
ET-7017-10 PET-7017-10	ET-7217-10 PET-7217-10	10/20		-	-	-	-
ET-7018Z PET-7018Z	ET-7218Z PET-7218Z	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 LDIN43710	6/3 (Note 2)	Open Collector	Sink
ET-7019 PET-7019	-	8	±15 mV, ±50 mV, ±100 mV, ±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V, ±20 mA, 0 ~ 20 mA, 4 ~ 20 mA	Thermocouple: J, K, T, E, R, S, B, N, C, L, M, and LDIN43710	4	Open Collector	Sink
ET-7019Z PET-7019Z	ET-7219Z PET-7219Z	10			6/3 (Note 2)		

Note 1: We recommend to choose ET-7018Z/PET-7018Z and ET-7019Z/PET-7019Z for extremely accurate thermocouple measurement.

Note 2: 6 DO channels for ET-7018Z, PET-7018Z, ET-7019Z and PET-7019Z.
3 DO channels for ET-7218Z, PET-7218Z, ET-7219Z and PET-7219Z.

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	ET-7202 PET-7202	3	±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V, 0 ~ 20 mA, ±20 mA, 4 ~ 20 mA	-	-	-	6	Wet (Sink, Source)	3	Power Relay (Form A)
-	ET-7204 PET-7204	4		-	4	0 ~ 5 V, ±5 V, 0 ~ 10 V, ±10 V, 0 ~ 20 mA, 4 ~ 20 mA	4	Dry (Source), Wet (Sink, Source)	-	-
ET-7016 PET-7016	-	2	±15 mV, ±50 mV, ±100 mV, ±500 mV, ±1 V, ±2.5 V, 0 ~ 20 mA, ±20 mA, 4 ~ 20 mA	Strain Gauge, Load Cell, Full-Bridge, Half-Bridge, Quarter-Bridge	1 (Note)	0 ~ 10 V	2	Wet (Sink, Source)	2	Open Collector (Sink)
ET-7024 PET-7024	ET-7224 PET-7224	-	-	-	4	0 ~ 5 V, ±5 V, 0 ~ 10 V, ±10 V, 0 ~ 20 mA, 4 ~ 20 mA	5	Dry (Source), Wet (Sink, Source)	5	Open Collector (Sink)
ET-7026 PET-7026	ET-7226 PET-7226	6	±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V, 0 ~ 20 mA, ±20 mA, 4 ~ 20 mA	-	2		2	Wet (Sink, Source)	2	
ET-7028 PET-7028	ET-7228 PET-7228	-	-	-	8		-	-	-	-

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	ET-7242 PET-7242	-	-	-	16	Open Collector	Sink	100 mA/channel
ET-7044 PET-7044	ET-7244 PET-7244	8	Wet	Sink, Source	8	Open Collector	Sink	300 mA/channel
ET-7050 PET-7050	ET-7250A PET-7250A	12	Wet (Note)	Sink, Source	6	Open Collector	Sink	100 mA/channel
ET-7051 PET-7051	ET-7251 PET-7251	16	Wet	Sink, Source	-	-	-	-
ET-7052 PET-7052	ET-7252 PET-7252	8	Wet	Sink, Source	8	Open Collector	Source	650 mA/channel
ET-7053 PET-7053	ET-7253 PET-7253	16	Dry	Source	-	-	-	-
-	ET-7255 PET-7255	8	Dry, Wet	Sink, Source	8	Open Collector	Source	650 mA/channel

Note: The ET-7250A/PET-7250A provides 12 channels digital input for both Dry and Wet contact.

AC/DC Digital Input



Model Name		AC Digital Input					
		Channels	ON Voltage Level	OFF Voltage Level	Max. Input Voltage	Operating AC Frequency	Isolation Voltage
-	ET-7258 PET-7258	8 Differential	80 ~ 250 VAC 90 ~ 250 VDC	< 30 VAC/VDC	250 VAC/VDC	50/60 Hz	2500 VDC
-	ET-7259 PET-7259		10 ~ 80 VAC 15 ~ 80 VDC	< 3 VAC/VDC	80 VAC/VDC		

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	ET-7260 PET-7260	6	Power Relay	Form A (SPST N.O.)	5.0 A/channel	6	Wet	Sink, Source
-	ET-7261 PET-7261	11	Power Relay	Form A (SPST N.O.)	5.0 A/channel	-	-	-
ET-7065 PET-7065	-	6	PhotoMOS Relay	Form A	1.0 A/channel	6	Wet	Sink, Source
ET-7066 PET-7066	-	8	PhotoMOS Relay	Form A	1.0 A/channel	-	-	-
ET-7067 PET-7067	ET-7267 PET-7267	8	Power Relay	Form A (SPST N.O.)	5.0 A/channel	-	-	-

Encoder/Counter Input



Model Name		Encoder/Frequency/Counter Input						DO	
		Channel	Encoder	Counter	Frequency	Count Value Retention	Maximum counting rate	Channel	Type
ET-7083 PET-7083	-	3	CW/CCW, Dir/Pulse, AB Phase	-	-	Yes, up to 10 years	1 MHz	-	-
-	ET-7284 PET-7284	4/8		Up or Up/ Down	Yes		200 kHz	4	Open Collector