

Sensor Controllers

Multi, High Performance · General-Purpose Sensor Controller

Series	Input Logic	Number Of Connected Sensors	Power For External Sensor	Power Supply	Power Consumption
Multi, High Performance Sensor Controller PA10 Series  W38×H76×L82mm	NPN open collector	2 units	12VDC (approx. 200mA)	100-240VAC	Max.10VA
	NPN open collector & NPN universal	2 units	12VDC (approx. 200mA)	100-240VAC	Max. 10VA
	PNP open collector & PNP universal	2 units	12VDC (approx. 200mA)	100-240VAC	Max. 10VA
	NPN open collector & NPN universal	2 units	12VDC (approx. 200mA)	100-240VAC	Max. 10VA
	PNP open collector & PNP universal	2 units	12VDC (approx. 200mA)	100-240VAC	Max. 10VA
8-Pin Plug Type General-Purpose, Sensor Controller PA-12 Series  W50×H80×L70mm	NPN open collector & NPN universal / PNP open collector & PNP universal (set by switch)	1 unit	12VDC (approx. 50mA)	110/220VAC (set by switch)	Max. 4VA
	NPN open collector & NPN universal	1 unit	12VDC (approx. 30mA)	110/220VAC	Max. 4VA
	PNP open collector & PNP universal	1 unit	12VDC (approx. 30mA)	110/220VAC	Max. 4VA

※ Sold separately: 8-pin socket(PG-08, PS-08(N))

Input Operation	Operation Mode	Control Output	Ambient Temperature	Model
Input signal reverse, OR/AND, IN2 derivative action	11 (ON delay mode, OFF delay mode, one-shot delay mode, flicker mode, flicker one-shot mode, low-speed detection mode, high-speed detection mode, ON/OFF delay mode, normal mode, flip-flop mode, encoder mode)	Relay SPDT(1c): 1, NPN open collector: 2	-10 to 55°C	PA10-U
Input signal reverse, AND operation	—	Relay SPDT(1c): 1 NPN open collector: 1	-10 to 55°C	PA10-V
Input signal reverse, AND operation	—	Relay SPDT(1c): 1 NPN open collector: 1	-10 to 55°C	PA10-VP
Input signal reverse, Individual operation	—	Relay SPDT(1c): 2	-10 to 55°C	PA10-W
Input signal reverse, Individual operation	—	Relay SPDT(1c): 2	-10 to 55°C	PA10-WP
—	—	Relay SPDT(1c): 1	-10 to 50°C	PA-12
—	—	NPN open collector: 1	-10 to 50°C	PA-12-PG
—	—	PNP open collector: 1	-10 to 50°C	PA-12-PGP