

NPS SERIES

ON / OFF Input Sensor Controller

NPS

ON / OFF Input

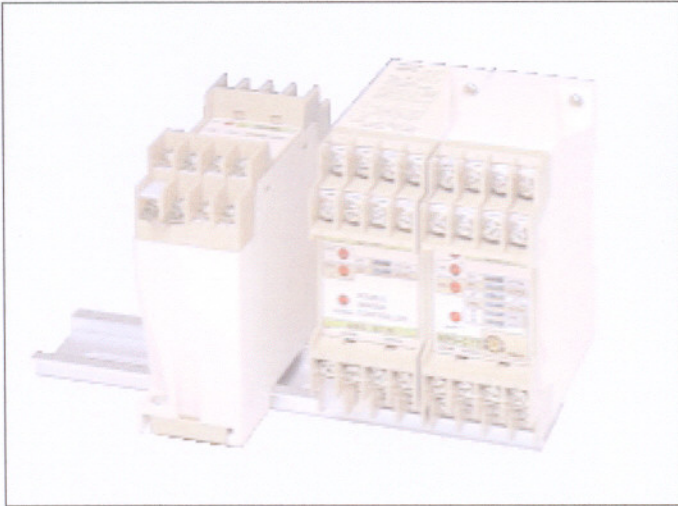
CA

Analog Input

CA2

PS-18V-U

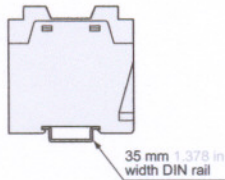
Power Supply



Multi-functional slim sensor controller

DIN rail mounting

Mountable on 35 mm 1.378 in DIN rail by one-push. It reduces mounting space and mounting operations.

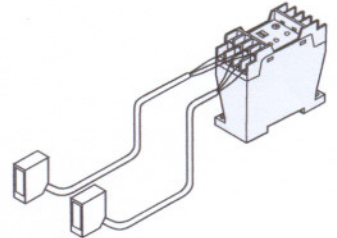


Two outputs: contact and non-contact

Useful for various applications because the controller has two outputs, relay contact and NPN open-collector transistor output. (NPS-C7 and NPS-CT7 only)

Connects two sensors **NPS-C7W**

Two sensors can be connected, and two independent outputs are generated.

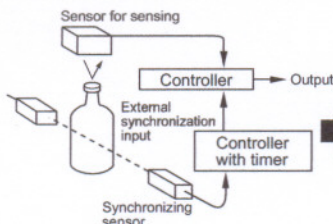


Edge trigger **NPS-CT7**

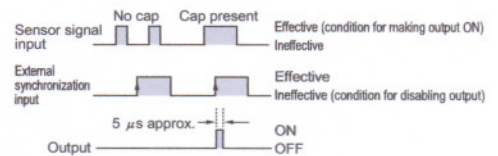
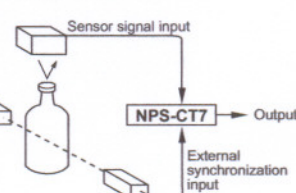
Synchronized input is possible at either the rising or the falling edge of the external synchronization signal. With this, now only one controller suffices where earlier two were required in applications, such as, detecting presence of bottle caps.

Example: Detecting presence of cap on bottle

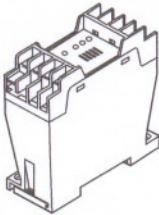
• Conventional method



• Using NPS-CT7



ORDER GUIDE

Type	Appearance	Model No.	Supply voltage	Power supply for sensor	Output	External synchronization function	Timer function
General use		NPS-C7	100 to 240 V AC ± 10 %	12 V DC ± 10 % 150 mA max.	<ul style="list-style-type: none"> • Relay contact 1c • NPN open-collector transistor 	Gate trigger	_____
High-performance		NPS-CT7		12 V DC ± 10 % 130 mA max.		Gate trigger and edge trigger	Three function selectable timer
Two sensor connection		NPS-C7W	12 V DC ± 10 % 120 mA max.	Relay contact 1c two outputs	_____	_____	

Accessory

- **NPS-CV** (Protection cover)

