

Sensor Adapter (SEN-A)



Third Party Sensor Adapter

**Connect sensors with 0-5 VDC output.
Connect Dry Contacts requiring 5VDC power**

The Sensor Adapter makes it easy to connect third party sensors that output a 0-10 DC Voltage scale.

A switch on the side of the sensor adapter allows you to switch to a dry contact I/O instead, which is capable of maintaining a 5VDC output to power the sensor at all times, while still monitoring the dry contact input.

SEN-A - Technical Specification

Measuring	Specifications
Configuration	Selectable type, with autosense setting : + 0~10 VDC + Dry Contact Input/Output
Connector	3 pin phoenix connector + Voltage Input : Signal, 5V, GND + Dry Contact : Dry Contact, 5V, GND
Electrical	no galvanic isolation can provide up to 5V 0.2A for 3rd party device powering
Interface	Interface
Communications cable	RJ-45 jack to sensor using UTP CAT5e/6 cable
Power source	Powered by the controller unit. No additional power needed
Power Consumption	Typical 50 mWatt, 10 mA
Maximum Cable Length	The Sensor Adaptor can be extended from the RJ-45 Intelligent Sensor ports on the base units up to 50 feet, or 15 meters using standard CAT5/6 LAN cable
Components	Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.
Operating Environment	Temperature : Min. -35° C – Max.80° C Humidity: Min. 20% – Max. 80% (Non-Condensing)
Dimensions	56 x 55 x 33.3 mm
Mounting	DIN rail mounting Screw mounting
Sensor count	1

SEN-A - Technical Drawing

