

S-RTA-M006

## RX Runtime Smart Sensor

### 6m cable

Measures and records the percent ON of any AC-powered device with an AC current switch and time ON (closed) of contact closures over the logging interval; works with HOBO RX monitoring stations.



### Supported Measurements

Runtime

### Features

- Plug-and-play smart sensor
- Works with all HOBO RX stations
- Automatically communicates configuration data to the station
- 1-second runtime resolution
- 6m cable length

### What's in the box

- RX Runtime Smart Sensor with 6m cable
- 2 wire nuts

### Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
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## RX Runtime Smart Sensor (S-RTA-M006) Specifications

### No category

<b>Input Sampling Period</b>	1 second
<b>External Contact Input</b>	Solid state switch closure, logic driven voltage output, or open/closed mechanical switch
<b>Preferred Switch State</b>	Normally open
<b>Solid State Switch Closure</b>	Input Low: < 10 K $\Omega$ ?; Input High: > 300 K $\Omega$ ?
<b>Logic Signal Level</b>	Logic 0: < 0.4 V DC, Logic 1: > 2.5 V DC
<b>Internal Weak Pull-Up</b>	100 K $\Omega$ ?
<b>Input Range</b>	0 to 3.6 V
<b>User Connection</b>	24 AWG wires, 2 leads: white(+), black(-)
<b>Operating Temperature Range</b>	-40° to 75°C (-40° to 167°F)
<b>Time Accuracy</b>	$\pm$ 4 seconds due to potential clock differences between the sensor and the station. Note that longer logging intervals can result in the maximum error.
<b>Overall Cable Length</b>	6.5 m (21.3 ft.)
<b>Housing Materials</b>	Weatherproof polyamide housing for smart sensor adapter
<b>Length of Smart Sensor Cable*</b>	50 cm (1.6 ft.)
<b>Weight</b>	200 g (7.06 oz)
<b>Number of Data Channels</b>	2
<b>Bits per Sample</b>	12 bits for channel logging runtime as percent 16 bits for channel logging runtime in seconds
<b>Measurement Averaging Option</b>	No

### Notices

\*

A single HOBO RX station can accommodate 15 data channels and up to 100 m (328 ft) of smart sensor cable (the digital communications portion of the sensor cables).

