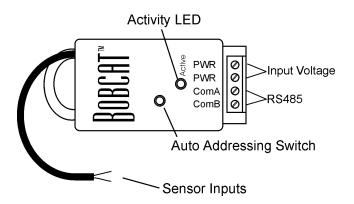
# Contact Sensor Bobcat<sup>TM</sup>



#### Introduction

The Contact Sensor Bobcat<sup>™</sup> is a single point module for detecting contact closures such as relays or switches.

#### **Specifications**

Power:	Input Voltage	9 - 12V DC or AC			
	Input Current Max	30mA			
Dimensions:	1.3"W x 2.5"L x 0.6"	D			
	Probe Cable 18"				
Operating					
Temperature:	32°F to 158°F				

#### Setup

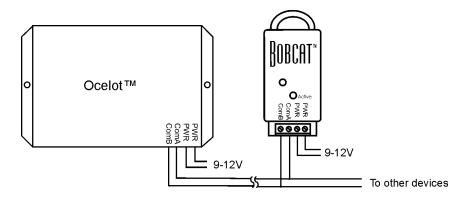


Figure 1. Typical Wiring Diagram

Note: The Bobcat<sup>TM</sup> may be used outdoors but must be installed in an area so that it will not get wet!

CAUTION: The inputs are designed for contact closure only. There should be no power connected to the contacts!

### Operation

#### **LED Codes**

ON solid – Bobcat<sup>™</sup> has not been addressed Slow Blink – Bobcat<sup>™</sup> has a valid address Fast Blink – Auto address mode active On solid, then Rapid blink - ADICON<sup>™</sup> communications active

Parameter	Function
1	Module Address

#### Table 1. Contact Sensor Bobcat<sup>™</sup> Parameters

The Contact Sensor Bobcat<sup>TM</sup> will return a 0 when the contacts are open and a 1 when the contacts are closed.

#### Viewing Bobcat<sup>TM</sup> data using C-Max<sup>TM</sup>

The CPUXA access screen of C-Max<sup>TM</sup> now has a data field to show the decimal value of data returned by a module. To view the data field, move the horizontal scroll bar all the way to the right. See the sample screen below. Data shown for a Bobcat<sup>TM</sup> module will be offset by 100, that is, the value shown is 100 greater than the actual data.

CPUXA Access								×
Infra-Red ⊠10 Program File CPU-XA Utili	y <u>M</u> odule Utility	Serial M	essages					
Upload Module Params Command Requesting Parameter 1	-	Mod#				1/0#15		<b>_</b>
Requesting Parameter 2		1	OFF	OFF	OFF	OFF	101	
Requesting Parameter 3 Requesting Parameter 4		2						
Requesting Parameter 5		3						
Requesting Parameter 6 Comms Retry timeout 205 RX263		4						
Requesting Parameter 7		5						
Requesting Parameter 8 Requesting Parameter 9		6						
Requesting Parameter 10		7						
Requesting Parameter 11	-	8						
	-	9						
<u>C</u> lear								
Firmware: V8.23/15	Application: V	2.85	Waiting fo	r Data		1	10	
TX RX Feb 19 2001	9:49:02 AM		Sunrise 6:5	58 AM	Sun	set 5:56 F	РМ	

## Accessing the Bobcat<sup>TM</sup> data

### Example: Announcing that someone has come through the front door.

Let's say that we have a Contact Closure Bobcat<sup>TM</sup> monitoring a switch on the front door. The Bobcat<sup>TM</sup> is at address 3 and we have a SpeakEasy<sup>TM</sup> connected at address 1. The following example show how to play a message when the front door opens.

Line#	Program Text	Comments	Reference	
1	If Bobcat#3 Data becomes = 1	If the front door opens	0067-0300-0065	
2	Then Transmit Module#1/Message#2	Speak "Front Door" Message	06E0-0102-0000	