

Dry Contact Sensor (DCSxxx)



The Dry Contact sensor is a simple connection to burglar alarms, fire alarms or any application that requires monitoring by the sensorProbe. Dry contact sensors are user definable and can be used to detect many different inputs such as UPS status, security systems, air conditioning status.

These general purpose switches can be either input or output. When used as an output it can source up to 20 mAmps. You can select the output voltage by setting the Output Level to a Low or a High. When set to Low the pin will output 0 volts. When set as a High the pin will output 5 volts. can be sent via an email or SNMP trap.

Technical Specifications

Measurement Range	Input: Alarm or Normal Output : Set or Reset
Sensor Type	Input : Open / Closed contact switch Output : High (5V) / Low (GND)
Contact voltage range	5 volts pulled-up dry contacts*
Input Measurement Rate	Multiple readings every second
	Normal input state is settable under software
Electrical Output	Can sink up to 20mA**, when set to Low
Interface	
Communications Cable	RJ-45 jack to sensor using UTP Cat 5 wire
Communications Cable Max. length	1000Ft (305m) with approved low capacitance shielded cable or UTP
Power Source	Powered by the base unit. No additional power needed
	Full autosense including disconnect alarm
Important Note	*Dry Contacts are not isolated, don't connect any voltage source ** Dry contact output is not suitable for directly driving a relay
Sensor count 1	1

DCSxxx - Technical Drawing

