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VT-6100 Annunciator Manual

 VT-6100 Annunciator offers a solution to a variety of applications where status monitoring is required with a redundant (independent) protection circuit. The system is compatible with many types of sensors, and can be suited to virtually any monitoring situation, and can even monitor several different, unrelated systems at the same time.

POSSIBLE APPLICATIONS:

- Sump level/sump pump activity – prevent sump overflow/flooding
- Temperature in any situation (e.g. Greenhouses, barns, refrigeration) – avoid frost/heat damage
- Power failures
- Fuel/Oil levels
- Moisture level
- Gas/Liquid pressure
- Simple security
- If there is a sensor for it, then it can be monitored with the VT-6100!

FEATURES:

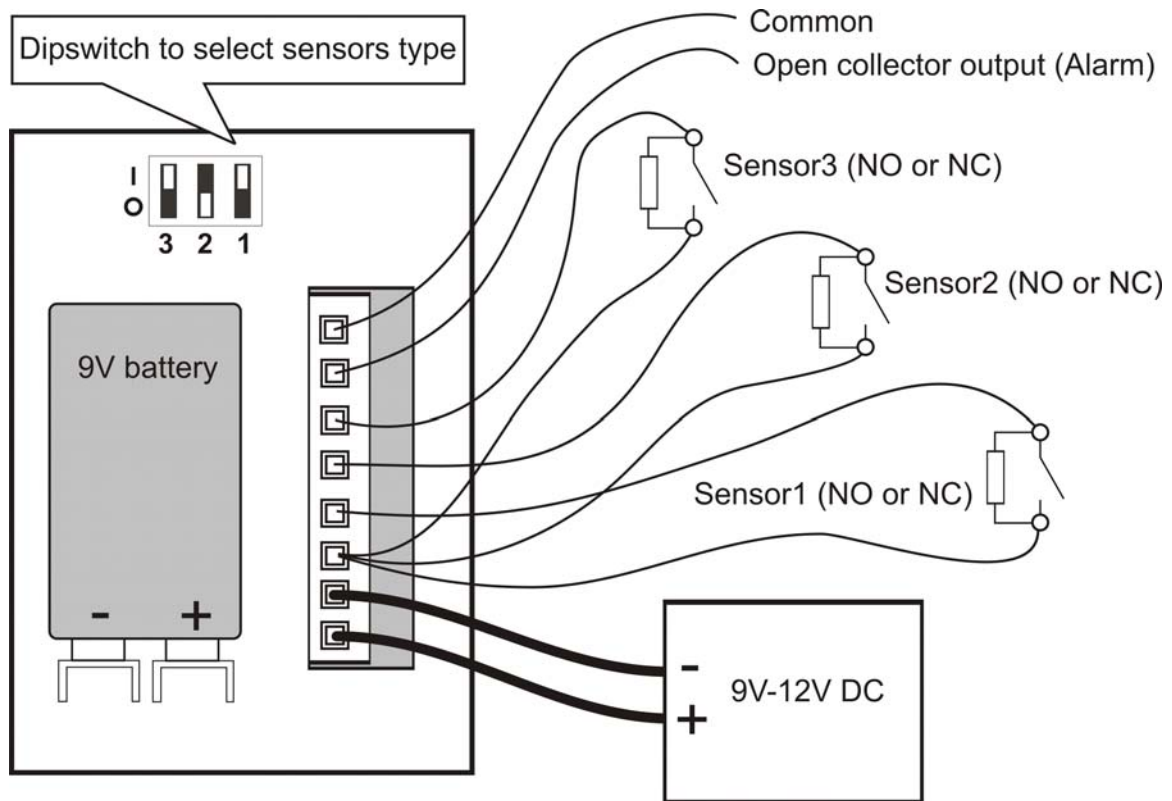
- **Power Loss Warning Mode** and battery backup means the Veltronics Alarm keeps monitoring for approx. 10hrs on a regular 9V battery (included) even if there is a power failure
- Three (3) separate alarms means Annunciator can be used for independent situations, or different levels within the same system.
- **Wrong Polarity/Wrong Voltage Protection** means system cannot be damaged by incorrect installation
- **Lost Line sensitivity:** If the connection between the Annunciator and the
- **Normally Open and Normally Closed Sensor Support:** A wide variety of sensors can be used to trip alarms

Alarm History Mode: If alarm is tripped and status returns to normal without being reset, corresponding LED will blink to indicate alarm was tripped

NOTE

There are 2 basic types of sensors: Normally Open and Normally Closed. In a Normally Open sensor, contacts inside the sensor is ON in a normal situation. In a Normally Closed sensor, the sensor is OFF in a normal situation.

WIRING DIAGRAM



Dip Switches correspond to sensor numbers

I = Normally Closed type sensor

O = Normally Open type sensor

IMPORTANT

In Normally Open mode, the 10kOhm resistor MUST be connected at sensor location.

In Normally Closed mode, 10kOhm resistor MUST be connected at sensor location.

(In NC, if resistor is not installed, Standby Mode is disabled)

MONITORING SYSTEM OPERATION MODES

RED LED (1, 2 OR 3)	GREEN LED 4	BUZZER	MODE	SYSTEM STATUS
OFF	ON (SOLID)	OFF	STANDBY	ALL OK
OFF	BLINKING (FAST)	OFF	WARNING: POWER SUPPLY FAILURE (SYSTEM IN BATTERY BACKUP MODE)	NO EXTERNAL POWER; ONLY BATTERY IS CONNECTED
OFF	BLINKING (FAST)	BEEPING (FAST)	LOW BATTERY	REPLACE BATTERY
ON SOLID (1 PER ALARM)	BLINKING (FAST)	BEEPING (FAST)	ALARM CORRESPONDING SENSOR ACTIVATED	PAY ATTENTION TO ZONE CORRESPONDING TO LED#
BLINKING (SLOW)	BLINKING (SLOW)	BEEPING (SLOW)	CONNECTION TO CORRESPONDING SENSOR HAS BEEN LOST	PAY ATTENTION TO ZONE CORRESPONDING TO LED#; CHECK CONNECTIONS
BLINKING (FAST)	BLINKING (FAST)	OFF	CORRESPONDING ALARM HAS BEEN TRIPPED AND CONDITIONS HAVE RETURNED TO NORMAL	PRESS MUTE TO RESET SYSTEM