

# Sash Switch Kit



## Features

- Inductive proximity sensor
- DC cable style with 18mm barrel diameter
- 3-wire operation
- PVC cable in 2m (6.6') cable length
- 10 - 30VDC operating voltage
- Normally open

## Overview

The Sash Switch Kit is used with the DegreeC Rooster™ Monitor as an added safety feature to indicate whether a fume hood sash is in a safe or non-safe position.

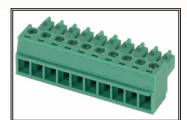
The Sash Switch Kit consists of an inductive proximity sensor with hardware kit and a 10-position connector which mates to the input connection of DegreeC's Rooster™ Monitor100 and Rooster™ Monitor200 display modules.

## Specifications

Sash Switch	
Sensor	Inductive proximity, M18 x 1
Sensing Distance	5mm
Type	3-wire, shielded
Operating Voltage	10 - 30VDC
No-Load Supply Current	≤ 20mA
Operating (Load) Current	≤ 400mA
Off-State (Leakage) Current	≤ 10µA
Output	Normally open PNP
Connection	2m (6.6') PVC cable with 10-position polarized terminal block plug (Phoenix Contact 1803659)
Material	Chrome plate brass barrel
Barrel Dimensions (Dia x L)	18mm x 51mm 0.7" x 2.0"

## Connection and Wiring

Sash Switch Terminal Block		
Pin	Color	Description
1	Brown	+15V
2	Black	Sash
3	Blue	GND
4	-	NC
5	-	NC
6	-	NC
7	-	NC
8	-	NC
9	-	NC
10	-	NC



Sash Switch termination:

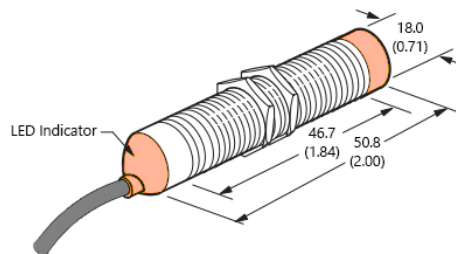
10-position terminal block mates to the input connector of Rooster™ Monitor alarm module.

## Degree Controls, Inc.

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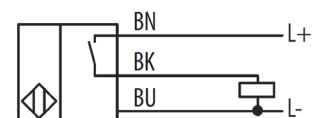
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Approximate Dimensions

Note: Sash Switch includes:  
(2) M18 x 1 threaded nuts  
(1) lock washer



Wiring Diagram

Part Number **62310AS004**