

Sample Innovator Code

```
Define detector2018()=
Prgm
:Local key,v,t,l,h
:key:=""
:Request "Low setting?",l
:Request "High setting?",h
:Send "CONNECT ANALOG.IN 1 TO BB5 "
:Send "CONNECT RGB 1 BB 8 BB 9 BB 10 "
:While key≠"esc"
: Send "READ ANALOG.IN 1"
: Get v
:-0.0189*v+161.761→t
: Disp "Temp is",t
: Disp v
: key:=getKey()
: Wait 1
: If t<l Then
:   Send "SET RGB 1 0 0 255"
:   ElseIf t<h and t≥l Then
:     Send "SET RGB 1 0 255 0"
:   ElseIf t≥h Then
:     Send "SET RGB 1 255 0 0"
:   EndIf
:EndWhile
:Send "SET RGB 1 0 0 0"
:EndPrgm
```