

VW33430 Ex - Honeywell Viewguard Ex



Jiskrově bezpečný PIR detektor pohybu

Intrinsic safety infrared - PIR detector Viewguard VW33430 Ex

Mechanical design



Wiring terminals:

Porucha kontakt		Tamper kontakt		Alarm kontakt		Ucc	
						-	+
11	10	9	8	7	6	2	1
1	-					+Ucc, power	
2	-					- Ucc, power	
6,7	-					Alarm contact	
8,9	-					Tamper contact	
10,11	-					Defect	

Description:

Viewguard detectors analyze the incoming signal using the integrated microprocessor. When deciding whether or not to raise the alarm is a key element of the signal strength. Viewguard detectors react to incoming signals with tremendous speed, prevent the publication of false alarm due to a poor signal while watching whether the intruder does not try to fool the sensor. The unique feature multiple measurements of signal strength ensures that the detectors Viewguard have the best decision-making process alarm. Thanks to the efficient design of detectors Viewguard consumption is the lowest among all currently sold by motion detectors. For this reason, the detector can safely deploy and where you need to be connected to one power circuit large number of devices. The detectors are suitable for standard and industrial applications, both indoors and outdoors.

Technical data:

Power supply Ui:	13,02 V DC
Ii	125 mA
Pi	0,407 W
Ci	2 uF
Ceq	1 000 uF
Li	0
- Max. warp (0 to 100Hz):	2,0 Vpp
Detection method:	PIR
Current consumption (max):	4,6 mA/12 V
Alarm output:	
- alarm:	15 V DC/100 mA
- anti masking:	15 V DC/100 mA
- tamper switch	15 V DC/100 mA
Optical system:	optical mirror
Microwave system	is no
tMounting height	2,5 m
- range	8, 11, 13, 15 m - DIP switch selectable
Angle:	88° horizontal, 64° vertical
Environmental conditions:	
- Operating temperature:	-10° to +50°C
- humidity	< 95%
- Housing protection by IEC 529:	IP 40
-Resistance to VF interference (0.1 to 1000 MHz):	20V/m
Dimensions	130 x 64 x 48
Clasifications:	II 2 G Ex ia IIB T4, V2
Necessary power supply and evaluation device:	source MM 2012 DC or MM 2012-4 DC,
Company MM GROUP, Ltd.	isolating relay MM 501 or line amplifier LML 8 and Ex Barrier MM 5062 DC