

- >> Fully digital detection
- >> Replaceable Fresnel lens with sealed optics
- >> Digital temperature compensation
- >> Pre-alarm feature
- >> Powered by 24 V AC/DC
- >> Adjustable mounting bracket included



Wall mount digital PIR detection

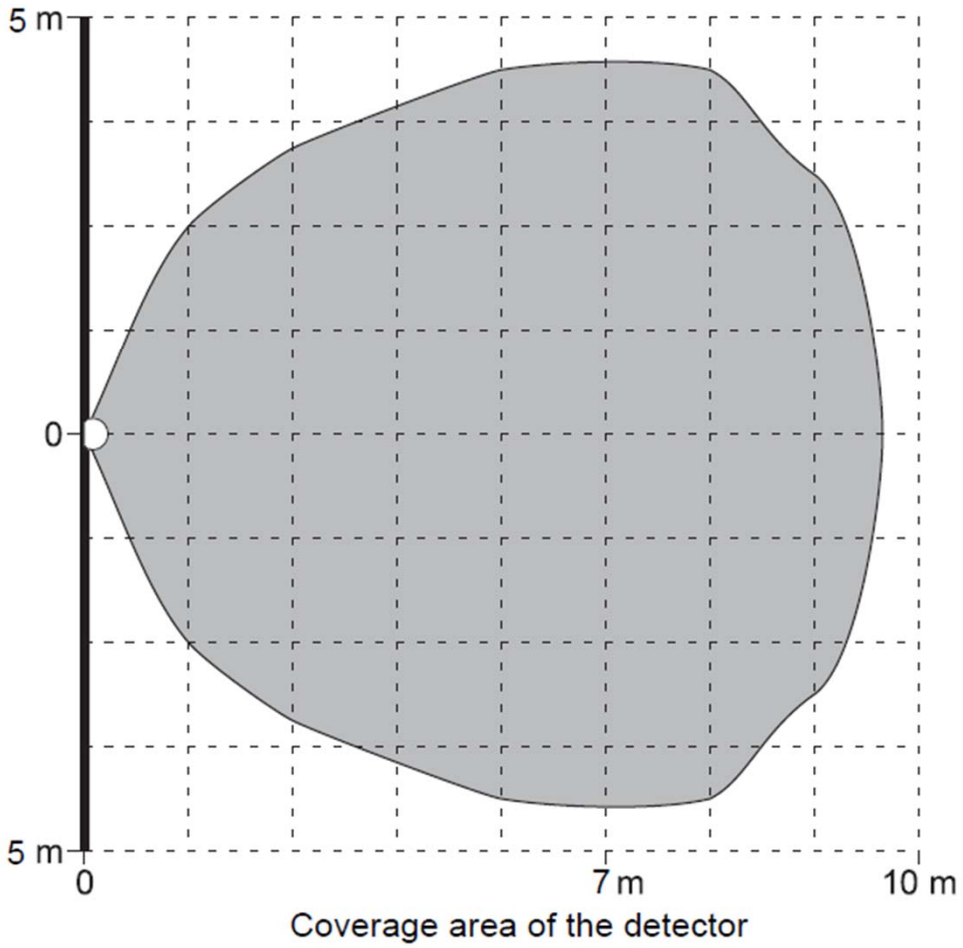
The microprocessor-based, fully digital FX-PIR-24-W130 detector is characterized by high sensitivity and interference resistance. A dual pyro electric sensor is used in the detector. The detector can be supplied with AC or DC 24 V voltage. The detector is provided with a prealarm feature. Prealarm is signaled by a short flash of the LED after changes which do not meet the alarm criteria have been sensed within the detector coverage area. The prealarm sensitivity depends on what sensitivity is set on the detector pins. Frequently occurring prealarms may cause an alarm.

For 30 seconds after the power-up, the detector warms up. Only after this time has elapsed, the detector will be ready to work. Warm-up is indicated by a rapid LED blinking. Detector can be used to detect violations in the protected area and detect occupancy for lighting control and building automation functions. Same detector can be used for intruder alarms and to control lights, temperature set point, ventilation etc.

Technical features

Operating voltage:	24 V AC/DC $\pm 15\%$
Max. current consumption ($\pm 10\%$):	27 mA for 24 V AC 14 mA for 24 V DC
Alarm signaling time:	2 s
Coverage Distance:	10m(Refer to the coverage area fig.)
View Angle:	130°
Detectable motion speed:	0.3...3 m/s
Operating temperature range:	-30...+55 °C
Operating humidity:	0..... 93 \pm 3%
Environmental class according to EN50130-5:	II
Dimensions:	63x96x49mm
Recommended installation height:	from 2.4 m to 3.7 m
Weight:	93 g
Manufacturing Process:	ISO9001

Coverage Area



Part number

FX-PIR-24-W130

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