

PYRONIX - MEQ 12m PIR Detector

- Adjustable detection range from 5 - 12m
- Advanced Temperature Compensation
- Noise reducing Independent Floating Thresholds technology (ATC)
- Adjustable sensitivity: Pulse count 1,2 or 3
- Complete with L1: 12m volumetric, 90°, 34 zone edges, 3 planes

ELECTRICAL SPECIFICATION

Mounting
Optimum Coverage Height 1.8-2.4m

Electrical
Operating Voltage 9-16VDC (12V nominal)
Current Consumption - No Alarm State 11mA (12V nominal)
Current Consumption - Alarm State 13mA (12V nominal)
Relay Solid State
Realy Output 60VDC, 50mA, Protected
Tamper Switch 12V max, 50mA max
RFI Immunity to Continuous Wave (CW) 10 - 1000MHz 50V/m
RFI Immunity to Amplitude Modulation (AM) 10 - 1000MHz 20 V/m
RFI Immunity to Pulse Modulation (PM) 10 - 1000MHz 20 V/m

Operating Features
Alarm period of 2.5 seconds
Operating Temperature -40°to +80℃
Detection speed 0.3 - 3m/s
Storage Temperature -40°to +80℃

Optical
Whilte Light Filter 6500 Lux
Optics Sealed
Lens Fresnel array,
Protection Ultraviolet Light Filter
Tilt Adjustment 0°to 12℃

PRODUCT FEATURES		
FEATURE	DESCRIPTION	BENEFITS
Patented Independent Floating Thresholds (IFT)	This technology patented by Pyronix allows the detector to respond to the environmental changes by automatically adjusting its levels of immunity to background disturbances.	Greater stability, reduces the risk of a false alarm activation
Adjustable sensitivity settings	High sensitivity for use in areas where fast detection is required. Adjustable sensitivity settings for installations in a more hostile environment.	Ensures suitability for most environments
Automatic Temperature Compensation	When the ME Q Blue is used in a hot environment this technology automatically adjusts the detector's sensitivity allowing it to retain its range even when the external temperature equals the external body temperature of 32°	Guarantees optimum performance at all times
Multi-Angular LED indication	A clear plastic pipe channels the light from the LED to the face of the detector making the LED indication highly visible from a multitude of angles.	Enables walk testing to be undertaken with ease and accuracy ensuring the detector covers the desired area.
Sealed optics	Protects from possible infestation from insects, shields air movement in front of the pyro-electric sensor and protects against adverse reflections from inside the detector housing.	Enhances the focus of the pyro-electric sensor