

SX EX PIR MOTION DETECTOR SX-ID-P12XXA



The SX EX PIR MOTION DETECTOR is a member of our unique SX product family, which has been specifically designed for use in hazardous (Ex) environments. The certified PIR detector works with intruder alarm and access control systems or lighting control systems to provide a highly effective security monitoring or energy conservation solution in Ex Classified hazardous areas Zones 1, 2, 21 & 22.

FEATURES/DOCUMENTATION

The SX EX PIR MOTION DETECTOR is a movement sensor that detects a moving body heat (infrared) signature and provides an alarm output signal to the alarm/monitoring system accordingly. The lighting variant can be used to power lights and similar loads up to 16A for a set period when motion is detected. This variant uses the same single-phase AC power supply to power a load and to power itself.

SX EX PIR LIGHTING & AUTOMATION MOTION DETECTOR

(230V 16A SWITCHING)

- Part No: SX-ID-P1210XA

KEY FEATURES

- Ambient light level detection
- Timed output latch – User-adjustable
- Live or Live & Neutral switching – user selectable
- High gain Fresnel optics provide true volumetric coverage of the detection area
- Wide Nominal AC Input 110V to 230V
- Simple L+N+E Input & Output connections
- User Adjustable Motion Detector Sensitivity

EXTERNAL CONNECTIONS

- 2 X M20 Gland Entries

MOUNTING OPTIONS

- Bracket Mount (Included)

AMBIENT TEMP RANGE

- -30°C...+60°C

SIZE & WEIGHT

- 180mm x 90mm x 100mm (HxWxD)
(Excluding Bracket)
- Weight Complete: Approx. 4.8Kg



ENCLOSURE STYLES

- 316 Stainless Steel

IP PROTECTION

- IP 65

EX MARKING CERTIFICATION

-  II 2 G Ex eb ib mb op is IIC T4 Gb
-  II 2 D Ex ib tb op is IIIC T135°C Db



2-YEAR STANDARD WARRANTY.

Product warranty begins at the point of invoice.

If a defect is discovered during the warranty period, it is the customer's responsibility to return the unit to SecurEx before the end of this warranty period.

SecurEx reserves the right for a full product inspection.

SecurEx reserves the right to request evidence for correct installation. Incorrect installation of the product will result in the warranty becoming void.

SecurEx product warranty covers technical and/or safety issues. Cosmetic damages will not be covered under warranty unless related to technical and/or safety issues.

© SECUREX TECHNOLOGY 2023.

NOTE: SECUREX OPERATES UNDER A POLICY OF CONTINUAL
PRODUCT IMPROVEMENT.

SPECIFICATIONS MAY CHANGE WITHOUT NOTICE.

V2.1 28072021



Thorne & Derrick
+44 (0) 191 410 4292
www.heatingandprocess.com

