

SX EX PIR MOTION DETECTOR

SX-ID-P14XXA



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 AC Contact variant closes a contact when motion is detected. Any load up to 16A can be connected to this output. The output loop is isolated from the input power.

SX EX PIR AC CONTACT MOTION DETECTOR

(AC DRY CONTACT)

- Part No: SX-ID-P1410XA

KEY FEATURES

- Ambient light level detection
- Timed output latch – User-adjustable
- High gain Fresnel optics provide true volumetric coverage of the detection area
- Wide Nominal AC Input 110V to 230V
- Simple L+N+E Input connections
- Isolated Dry Contact (50VDC/240VAC Max. 16A Max.)
- 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
INTERNATIONAL

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

