



HAZARDOUS LOCATIONS

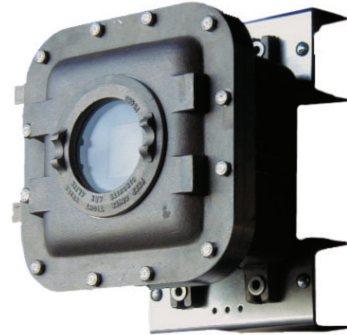
EXPLOSION PROOF MOTION DETECTOR SDI-77XL2-EX

DESCRIPTION

The SDI-77XL2-EX Model of Stereo Doppler **Explosion Proof Motion Detector** was developed to protect Hazardous Locations due to the presence of flammable gasses or vapors, combustible dusts or easily ignitable fibers or flyings. The SDI-77XL2-EX electronic assembly is configured to be easily inserted into a special explosion-proof enclosure. The unit is suitable for applications in Hazardous Locations under the following classifications: Class I, Div. 1 & 2, Groups C,D; Class II, Div. 1 & 2, Groups E,F,G; Class III; NEMA 7CD, 9EFG

NEW!

Protech
Protection Technologies Incorporated



SDI-77XL2-EX

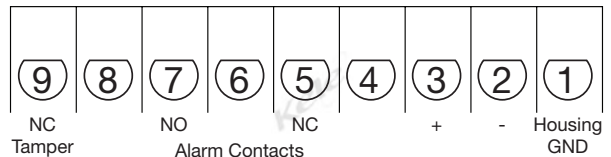
FEATURES

- **Class I, Div. 1 & 2, Groups C,D; Class II, Div. 1 & 2, Groups E,F,G; Class III; NEMA 7CD, 9EFG**
- **Stereo Doppler technology**
- **Adjustable unit sensitivity**
- **LED indicator**

SPECIFICATIONS

Supply Voltage	24 VDC @ 75 mA, 24 VAC @ 1.8 VA (model specific)
Contact Rating	0.1 A @ 50VAC, NC, NO contacts (extra NC for housing tampering)
Coverage Pattern	100' x 40' (30 x 13 m)
Operating Temperature	-30° to 130°F (-34° to 54°C)
Operating Humidity	0 to 99%, non-condensing
Dimensions	11" H x 11" W X 8.7" D (27.9 x 27.9 x 22.1 cm)
Weight	40 lb (18.1 Kg)
Warranty	1 year

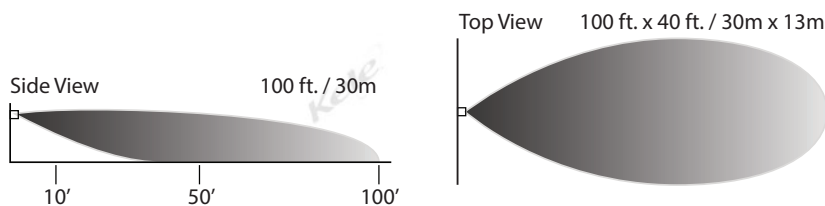
WIRING



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HAZARDOUS LOCATIONS

COVERAGE



Coverages shown are maximum and represent coverage for half-step walking motion. For building spaces with lower levels of activity or with obstacles and barriers, coverage size may vary.

ORDERING INFORMATION

MODEL	DESCRIPTION
SDI77XL2EXIVDC	Explosion Proof Motion Detector Indoor mount 24 VDC
SDI77XL2EXOVD	Explosion Proof Motion Detector Outdoor mount 24 VDC
SDI77XL2EXIVAC	Explosion Proof Motion Detector Indoor mount 24 VAC
SDI77XL2EXOVAC	Explosion Proof Motion Detector Outdoor mount 24 VAC

RELATED PRODUCTS

DCP-1.5-W-C	Power supply, 24 VAC In to special DC output (Specify output voltage when ordering, 1.5-24 VDC)
DCPA-1.2-C	Power supply, 120 VAC In to 24 VAC/ Special DC Out (Specify output voltage when ordering, 1.3-27 VDC)