CE

PB-100TK(K)

Outdoor : 100m (330ft.)

Indoor : 200m (660ft.)

TAKEX

PHOTOELECTRIC BEAM SENSOR

PB-30TK(K) Outdoor : 30m (100ft.) Indoor : 60m (200ft.)

PB-60TK(K) Outdoor: 60m (200ft.) Indoor : 120m (400ft.)



The TAKEX "TWIN"

Photoelectric beam is designed to meet the highest standards of quality and reliability for photoelectric beam intrusion detection. Unique twin beams are synchronized to work together to reinforce the range and stability in severe weather conditions. The system has a rotary optical system for easy installation, and the special lens design aids in proper alignment.

HIGH RELIABILITY

Synchronized twin beams reduce false alarms caused by birds flying by or by falling leaves.

EXTERNAL LIGHT PROTECTION

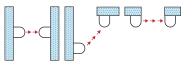
Trouble-free conditions in the 50,000lx illumination fluctuation is assured by an external light compensation circuit filter, specially designed, that cuts visible rays effectively. Excellent tolerance to sunlight, automobile headlights, fluorescent light, and mercury light.

EASY BEAM ALIGNMENT

The special viewfinder enobles for fast aiming and assures good alignment. Equipped with a monitor jack to check sensitivity.

ROTARY OPTICAL SYSTEM

The optical system of both transmitter and receiver can be rotated 180° which enables side aiming. The units therefore do not have to be mounted face to face and the beam direction cannot be discerned by simple observation.

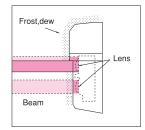


INSECT PROTECTION

A sealed optical system prevents intrusion and interference by insects.

PROTECTION AGAINST FROST/DEW

As a special hood is attached on the sensor cover, beamprotection continues without interruption even when the cover is screened by frost or dew.

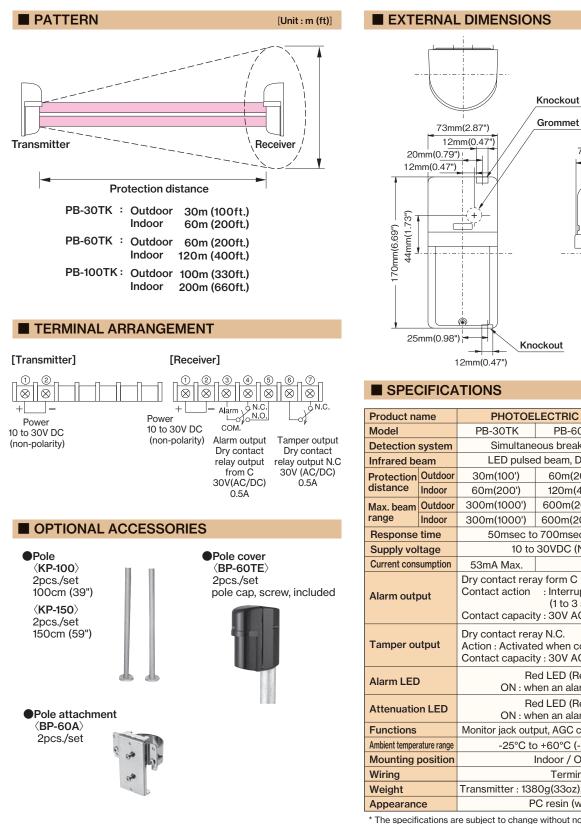


OTHER FEATURES

*Automatic Gain Control circuit loaded

* Wide adjustment (horizontally \pm 90°,vertically \pm 10°)

PHOTOELECTRIC BEAM SENSOR

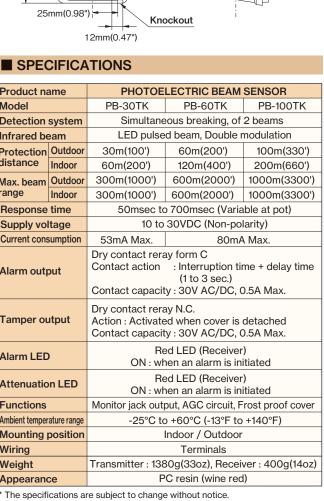


[Unit : mm (inch)]

83.5mm(3.29")

4.5mm(0.57")

71.5mm(2.81")



Please note : This sensor is designed to detect intrusion and to initiate an alarm; it is not a burglary or a crime preventing device. TAKEX is not responsible for damage, injury or losses caused by accident, theft, Acts of God (including inductive surge by lightning), abuse, misuse, abnormal usage, faulty installation or improper maintenance.



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