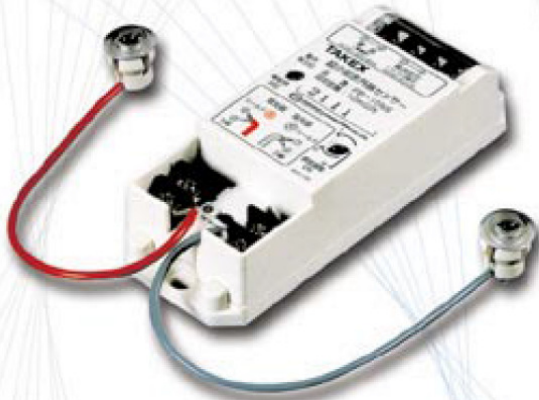


MINIATURISED PHOTOELECTRIC BEAM SENSOR

PB-10NS N/O & N/C contact: 33' (10m)



TAKEX®

Miniaturized Photoelectric Beam Sensor PB-10NS is designed to cover 33' (10m) distance and is usable in wide applications inconspicuously, e.g. CD/ATM machine, motor-driven shutter, window or alley.

Features

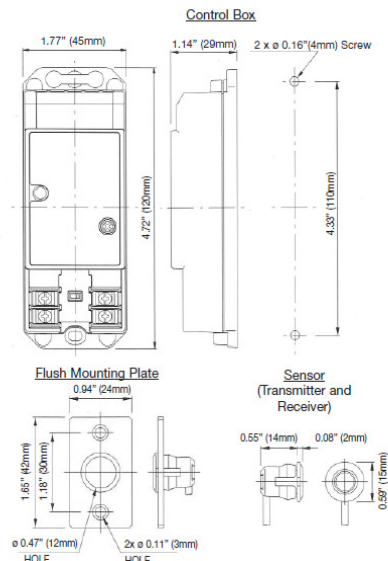
- MINIATURISED CONTROL BOX**
 W: 1.77" (45mm) x H: 4.72" (120mm) x D: 1.14" (29mm) succeeded in reducing volume by 40% compared with our current amplifier to save installation space.
- SENSOR CORD CAN BE CUT FREELY**
 Both the transmitter cord and receiver cord can be cut as the installation requires. No need to bundle the extra cord. (Cord: 33'(10m) Max.)
- EASY INSTALLATION**
 For sensor head, make a preliminary hole 0.47" (ø12mm) to depth required. The diameter of the ring cover is 0.59" (ø15mm) allowing for ease of installation.

Specifications

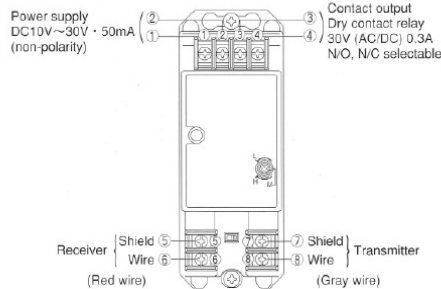
Model	Photoelectric Beam Sensor
Model Number	PB-10NS
Detection System	Near Infrared Beam
Detection Area	33' (10m)
Supply Voltage	10V to 30V DC (non-polarity)
Current Consumption	45mA or less
Alarm Output	Dry contact relay : 30V (AC/DC), 0.3A N/O, N/C selectable Contact action: Interruption time + Delay time (approx. 1 sec.)
Response Time	Detect 100 msec. or more of beam interruption.
Operation LED	Lights Red when detection (beam is interrupted)
Ambient Temperature	-25°C to +55°C (-13°F to +131°F) without condensation or frozen
Wiring	Terminals
External Appearance	Sensor : PC resin Control box : ABS resin (white)
Weight	Sensor: 120g (4.2oz) Control box: 95g (3.3oz)

Due to ongoing product improvements, specifications may change without notice.

External Dimensions mm/inch



Terminal Arrangement



Note: This sensor is designed to detect intrusion and to initiate an alarm. It is not a burglar-preventing device. TAKEX is not responsible for damages or losses caused by accidents, thefts, Acts of God (including inductive lightning), abuses, misuses, abnormal usages, faulty installation or improper maintenance.

Coverage (m/feet)



- Sensitivity Adjustment**
 Adjust the sensitivity adjustment control depending on the protection distance.

Protection distance	Sensitivity Adjustment Volume
Less than 9.9' (3m)	M
More than 9.9' (3m)	H



TAKEX Europe Ltd.
 Aviary Court, Wade Road
 Basingstoke, Hants RG24 8PE, U.K.
 Tel: 44 (1256) 475555
 Fax: 44 (1256) 466268
 Email: sales@takexeuropa.com
 Website: www.takexeuropa.com