

OS-12C T

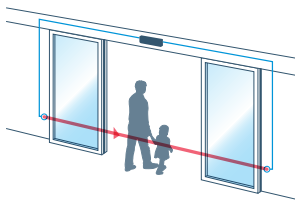
Active Infrared Safety Beam System

for Automatic Door Applications



The OPTEX OS-12C T Active Infrared Safety Beam System is compatible with any type of automatic door. Its amplifier and sensor heads are designed for fast, simple installation while maintaining the highest standards of safety and reliability. The OPTEX SH-7MC/SH-10MC sensor heads (sold separately) are recognized by door professionals worldwide for their reliability and resistance to sunlight and other interference. Quick-disconnect plugs make installation and service fast and easy. Cables are available in 2 lengths, 23 or 33 feet.

www.optexamerica.com



Specifications

Model	OS-12C T		
Installation distance	Less than 32'10"		
Detection method	Point to point near infrared light beam		
Power supply	12-24 VAC / 12-30 VDC		
Current draw	160mA Max.		
Operation indicator	BEAM 1	BEAM 2	
	Stand-by:	Green ON	Red ON
	Detection Active:	Green OFF	Red OFF
	Insufficient sensitivity:	Green blink	Red blink
	Test input error:	Simul. twice blink (red & green)	
Test input	Opto coupler voltage 5-30 VDC		
	Current 6mA Max. (30 VDC)		
Safety output (initial setting)	50 V 0.3A (resistance load) - N.O./N.C. switchable		
Response time	Approx. 0.1 sec. (from the moment of beam cut-off)		
Relay hold time	Approx. 0.5 sec.		
Operating temperature	-4 to +131°F		
Weight	Amplifier 2.2 oz.		
Components	1 amplifier, 2 mounting screws, 1 manual (Sensor head units are required for operation and are sold separately)		

Features & Benefits

Monitoring Capability

The OPTEX OS-12C T has built-in monitoring capability. The OS-12C T monitors all its critical functions and notifies compatible controls when an error occurs. Self-monitoring capability ensures a higher level of performance over the life of the sensor.

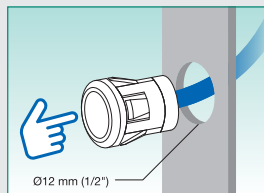
Easy to Install Amplifier Unit and Sensor Heads

The OPTEX OS-12C T amplifier has screwless wiring terminals for quicker installation. Pressing the Teach-in button automatically sets the proper sensitivity and self-corrects crossed cables. One amplifier operates one or two pairs of sensor heads.

Teach-in button



One push installation sensor head



Options

Mounting plate (silver)



PP-S (2 pcs.)

Sensor head unit



SH-7MC: 23'
SH-10MC: 32'10"

Sensor head holder (black/gray)



OS-BH (2 pcs.)

One push outer plate



PO-C (2 pcs.)

Dimensions

