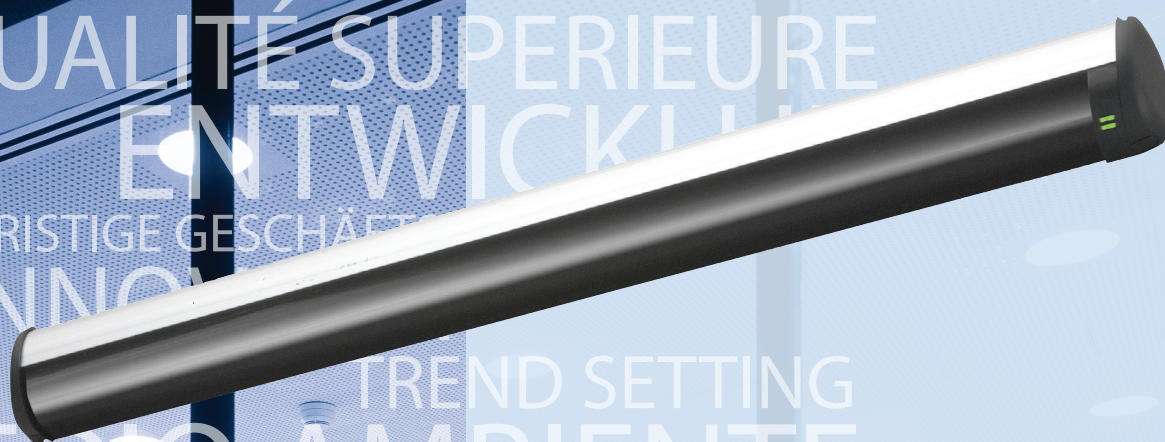


OA-Edge T

Swing door safety sensor



QUALITÉ SUPÉRIEURE
ENTWICKLUNG

LANGFRISTIGE GESCHÄFTS

INNOVATION

TREND SETTING

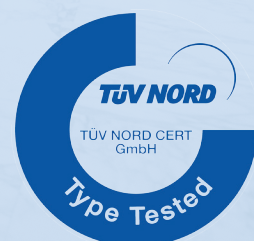
MEDIO AMBIENTE

CARE OF THE LOWEST

FAILURE RATE IN THE MARKET

The Optex OA-Edge T is developed to increase the safety level on automatic swing doors. This sensor is based on the Optex Active Infrared triangulation technology. Due to the modular design you can upgrade the safety level of the sensor by adding additional modules.

The OA-Edge T is in compliance with the latest European regulation EN 16005 and tested and approved by the German test organization TÜV.



OA-Edge T

Swing door safety sensor

EASY INSTALLATION

The sensor is easy to install by simply clicking the master and slave modules into the profile, the master and slave modules are connected by a communication cable with connector. Alternative power supply connector on the master module makes installation more flexible and quicker.

DESIGN

The Optex OA-Edge T has a very slim design in order to fit on many different types of swing doors. The sensor is available in a silver or black profile completed with a black lens.

SAFETY

The wide detection area of each module secures a high level of safety around the door and will prevent the door leaf from hitting an object or person near the door. The Optex OA-Edge T is tested and approved by the German test organization TÜV and in compliance with EN 16005.

MODULE

The sensor can be assembled using master and slave modules according to the required safety level and the width of the swing door. For a standard configuration of 1 sensor one master module is required. Depending on the door width, a maximum of 3 slave modules can be connected to this master module.

QUICK ADJUSTMENT

Adjustments to the sensor are done by the use of dipswitches and a levelling screw. When the sensor is set up an easy push on the function switch will start the initialization and learning cycle. After installation the sensor status can be easily checked by the visible LED illumination.

QUALITY

Optex automatic door sensors guarantee premium performance and include a 3-year full replacement warranty.

SPECIFICATIONS

Model	OA-Edge T
Profile colour	Black / silver
Mounting height	1.5 (4'11") to 3.0 m (9'10")
Detection method	Triangulation
Detection spots	4 detection spots per module
Min. configuration	1 master module + 1 LED module
Max. configuration	4 sensor modules + 2 LED modules
Depth angle adjustment	0°C - +25°C
Power supply	12–24V AC $\pm 10\%$ (50/60Hz) 12–30V DC $\pm 10\%$
Power consumption	<1.3W (<2VA at AC) at min. configuration <3.5W (<4.5VA at AC) at max. configuration
Test input	Opto coupler 10 - 30 VDC, Current/6mA max.
Safety/Test output 1	Form C relay
Safety/Test output 2	Voltage / 42 VDC Current / 0.3mA max. (resistance load)
Output hold time	Approx. 0.5 sec.
Response time	< 75m sec.
Operating temperature	-20°C - +55°C (-4°F - +131°F)
Operating humidity	80%
IP rate	IP54
Noise level	<70dBA
Tested in compliance with	EN ISO 13849-1:2008 / EN ISO 12978:2003 +A1:2009 EN 16005
Category	2 (EN ISO13849-1 : 2008)
Performance level	d (EN ISO13849-1 : 2008)
Dimensions	various lengths x 44,3 x 50,7 mm (l x h x d)

