

PAS : Pedestrian Alert System

A solution to reduce the risk of accidents between forklift and pedestrians



PAS Mobile

www.opsyselec.fr

Opsyselec specialised in solutions for industrial safety and prevention of workspace accidents.

SAFETY ON FORKLIFT AND PEDESTRIANS

Opsyselec deal the solution PAS Mobile to improve the prevention of occupational hazards by reducing accidents between forklift and pedestrians

These solutions contribute added value to forklift distributors and manufacturers and enable them to differentiate the technological positioning of their fleet and the added services they want to provide.



PAS solution: Pedestrian alert system

Solution for the prevention of workplace accidents especially created for companies where there is a risk of accidents with pedestrians, whether company employees or other staff, who share the workspace with forklift.

The pedestrian alert system (PAS) is a solution that warns forklift drivers when it detects pedestrians at adjustable distances from 0,5 to 6.5 metres. Pedestrians must wear electronic tags that are detected by a device on the forklift, warning the driver of the risk.

Main operating characteristics

- Detection of pedestrians in the area of operation of forklift
- Frontal detection adjustable from 0.5 to 6.5 metres in ideal conditions
- Back detection adjustable from 0.5 to 6.5 metres in ideal conditions
- Side detection of up to 4 metres
- All the devices that make up the system are long-lasting and rugged
- Easy to install

Areas of application

- Loading/unloading areas for outside drivers
- Areas with limited visibility at intersections between pedestrians and forklift
- Exits from warehouse aisles at moderate speed
- Spaces or work areas shared by forklift and pedestrians, such as production lines with limited areas for the movement of pedestrians and forklift

Advantages of the PAS solution

- Reduces accidents
- Aid for safer driving
- Reduction of accident compensation
- Differentiation from other solutions that do not discriminate between obstacles and people

Usage of PAS solution

- Forklift of up to 3.5 ton load capacity
- Ideal speed in areas between 6 Km/h and 8 Km/h

PAS KIT

The PAS solution is marketed in the form of a kit, making it easy to install by any forklift distributor



Type of warnings

Warning Light
(Front part of the forklift - Flash LED)



Braking
(if the forklift model permits)



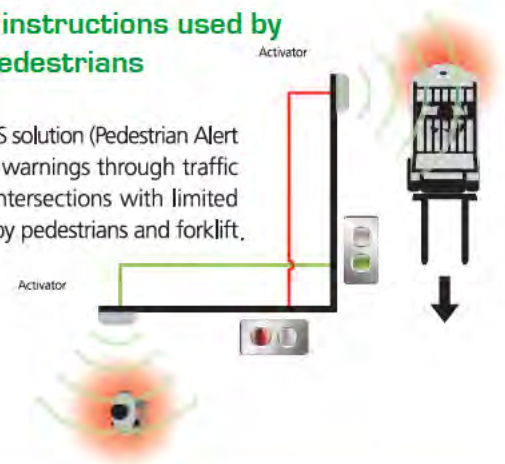
Acoustic
(Voice Synthesizer optional)



Other features

Warnings at instructions used by forklift and pedestrians

Extension of the PAS solution (Pedestrian Alert System) that gives warnings through traffic lights located at intersections with limited visibility and used by pedestrians and forklift.



System Components

ACTIVATOR

- 1 activator fitted with 2 LF antennas
- Activator 24 Volt power supply through converters for stabilisation
- Flash type warning light
- Response time: 400 ms
- Digital outputs for connection to the forklift
- Self-control tag: Fault output in the event of not detecting the activator on the forklift, always enabling fail-safe operation

PERSONAL TAG

- Batteries with a working life of more than 1.5 years
- Robust and ergonomic
- Manual button to give voluntary warnings to nearby forklift (15 m.)
- Available as a key ring, karabiner and the possibility of a bracelet or armband

DRIVER TAG

- Driver cancellation system: Accessory device installed on the forklift to prevent detection of the driver's tag

ANTENNA VERIFICATION

- Regular verification of the battery condition using LEDs (Red-Green)
- RF control signal for correct communication
- Software (optional): Record of tags detected, record of employees who have checked the tag and the battery condition





making identification more intelligent

Distributor

OPSYSELEC

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not prices*



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