SiS
SAFETY IMPROVEMENT SYSTEMS

1 NO OBSTACLES DETECTED, NO ALERTS

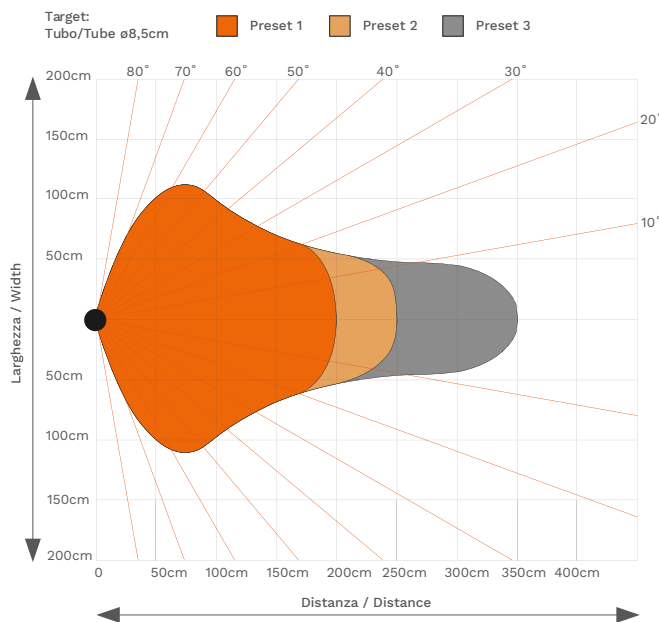**2** FAR OBSTACLE DETECTED, VISUAL AND ACOUSTIC ALERTS

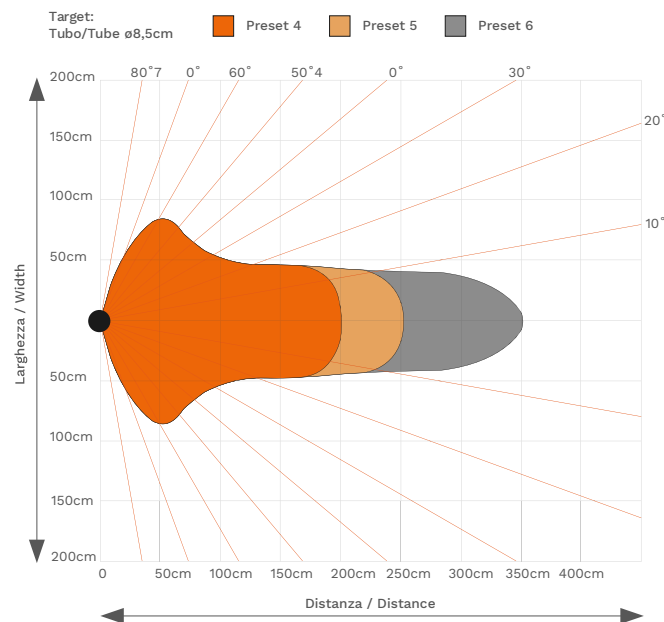**3** CLOSE OBSTACLE DETECTED, INCREASED VISUAL AND ACOUSTIC ALERTS

Safe&Alert+ suits to medium/large vehicles or, in general, when a wider detection is required. In case of presence of pedestrians, objects as well of structures in the detection range during the reverse maneuver the operator is alerted with visual and acoustic variable alerts.

✔ **DETECTS PEDESTRIANS, OBJECTS AND STRUCTURES**

✔ **6 SELECTABLE PARAMETERS** PRE-SETS

✔ **DETECTION WIDTH UP TO 2,5 M**

✔ **QUICK AND EASY INSTALLATION**

PRESETS 1 - 2 - 3

Target:
Tubo/Tube ø8,5cm
■ Preset 1 ■ Preset 2 ■ Preset 3

PRESETS 4 - 5 - 6

Target:
Tubo/Tube ø8,5cm
■ Preset 4 ■ Preset 5 ■ Preset 6

System architecture is based on the display as main element. Once connected to the vehicle it provides power supply to the sensor and manages incoming and outcoming signals.
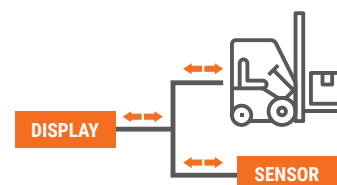
KIT CONTENTS

Display kit inclusive of:
- MiniMind advanced display and related brackets;
- connectors/contacts/seals kit.

Sensor kit inclusive of:
- CySens ultrasonic sensor;
- connecting cable;
- brackets, bolts, washers kit;
- connectors/contacts/seals kit.

User manual and CE Conformity Declaration

DISPLAY

SENSOR

GENERAL FEATURES	
Number of sensors	1
Operating voltage	10-36VDC
Activation trigger voltage	10-36VDC
Operating current	500mA max
Output	not available
Applied norms/directives	2006/42/CE - 2014/30/CE - UNI EN ISO 12100
Official normative definition	safety component

SENSOR TECHNICAL FEATURES	
Technology	ultrasound
Operating Frequency	40kHz
Number of transmitters	1
Number of receivers	3
Response time	100ms
Dimensions	130mm x 80mm x 80mm
IP rating	IP62 min
Temperature range	-30°C / +80°C (electronic parts)

DISPLAY TECHNICAL FEATURES	
Visual feedback type	RGB LEDs (not adjustable)
Acoustic feedback type	Pulsing piezoelectric buzzer - variable frequency
Sound pressure level	85dB (not adjustable)
IP rating	IP50
Temperature range	-30°C / +80°C (electronic parts)

Utstyrspesialisten

SiS SAFETY IMPROVEMENT SYSTEMS

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