



EXTERNAL PARKING SYSTEM **ZSP-01**

The ZSP-01 external parking system is designed to control the vehicle parking/docking process. The system consists of an ultrasonic distance sensor and a control box.

- ✓ distance measurement in the range **0,3-2,5 m**
- ✓ real-time **auto-calibration**
- ✓ the control box allows you to connect **alarm devices** (WS-Ad, SO-Ad3) and other devices
- ✓ a **relay output** that changes state when the distance is less than or equal to the lower threshold



CONTROL BOX
SP-01



ULTRASONIC
DISTANCE
SENSOR

Optional:



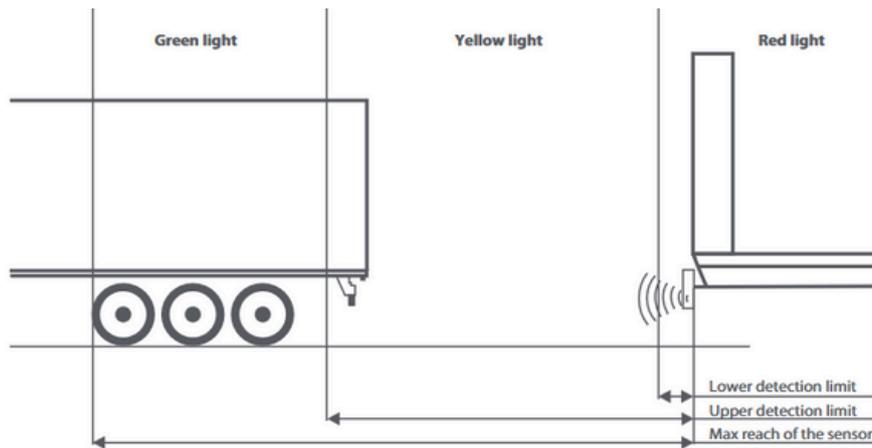
SO-Ad3



WS-Ad



By using the ZSP-01 external parking system and optional elements in the form of an internal alarm device (WS-Ad) and the SO-Ad3 external alarm device, **the user receives a complete system enabling measurement of the distance of the parked object and light signaling of individual stages of the process.**



Distance	Signaling device mounted outside (SO-Ad3)	Tower mounted inside (WS-Ad)
Larger than upper limit	Green	Red
Between the lower and upper limit	Yellow	Red
Smaller than the lower limit	Red	Green after 5 seconds

Moreover, when the distance of the vehicle from the sensor is equal to or less than the lower threshold, the **state at the relay output changes**. Using a jumper located on the printed circuit board, it is possible to select the output signal for the external control system. The system allows you to choose between a 24 V DC signal and an NC relay contact.

Optionally, it is also possible to connect the system so that the mechanical button is replaced with a sensor of the platform's rest position, which automatically signals the end of reloading.

Contact 

