

Standalone Roof laser



Kit parts



Relay box



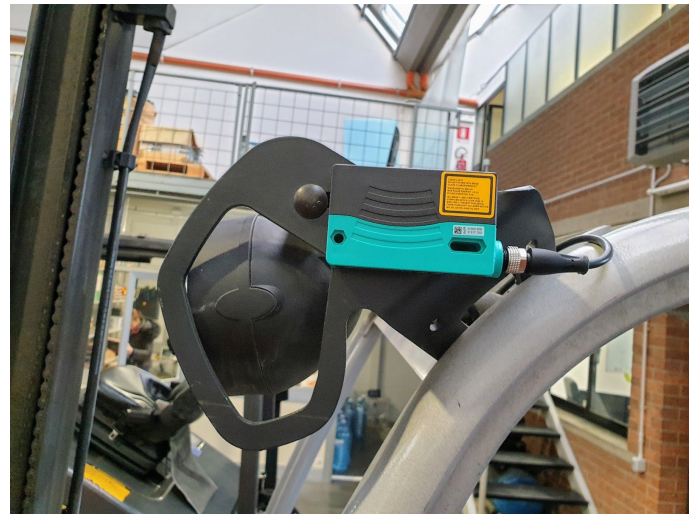
Laser sensor



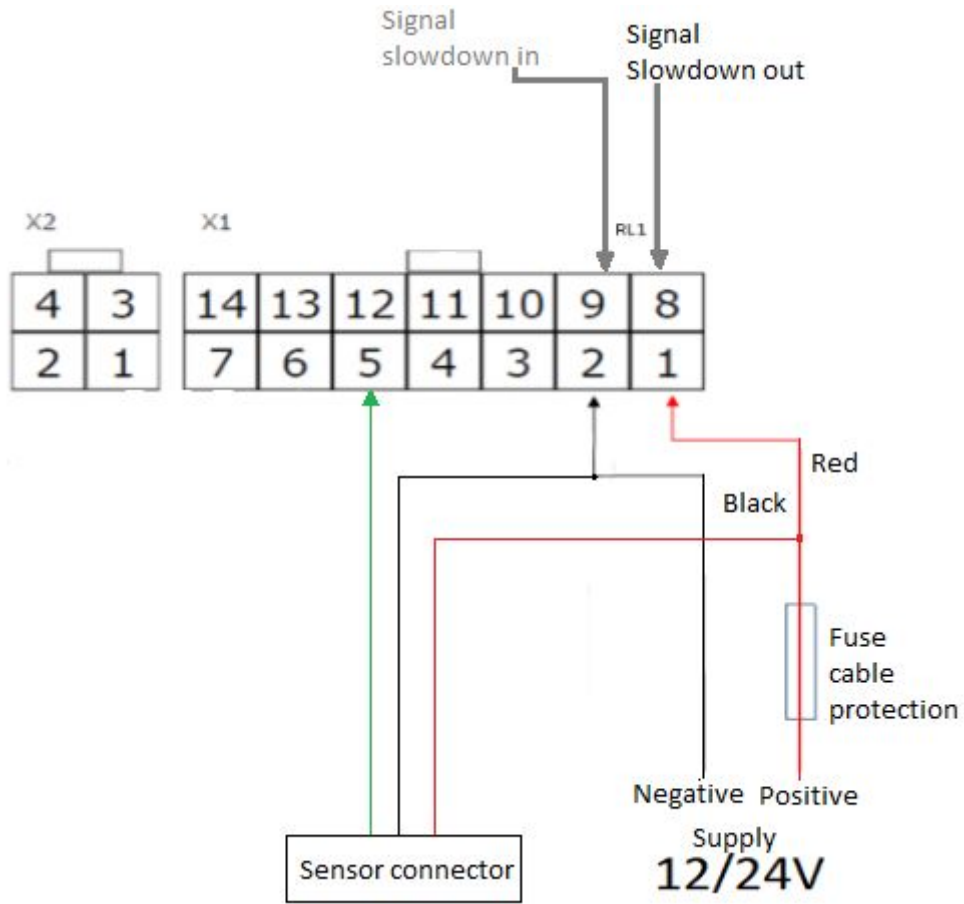
Horness kit

Mounting

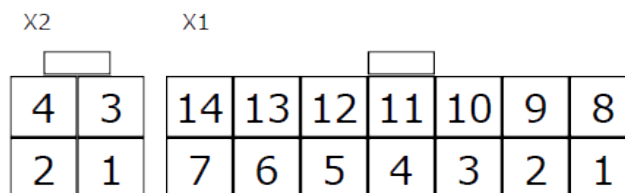
Install the laser sensor on the rooftop of the truck. It's possible to install this sensor on any kind of machines.



Electrical connection



Pinout



X1 connector pinout

Position	Function
1	Power input positive (10 - 120 Volts DC)
2	Power input negative
3	Digital input IP1 (positive activation threshold >1,7 Volts - 150 Volts max)
4	Digital input IP2 (positive activation threshold >1,7 Volts - 150 Volts max)
5	Analog input (0 - 10 Volts)
6	Digital input IN1 (negative activation threshold < 0,5 Volts - 150 Volts max)
7	Digital input IN2 (negative activation threshold < 0,5 Volts - 150 Volts max)
8	Relais 1 - common contact
9	Relais 1 - normally open contact (6Amp max)
10	Relais 2 - common contact
11	Relais 2 - normally open contact (6Amp max)
12	Relais 3 - common contact
13	Relais 3 - normally open contact (6Amp max)
14	Analog input AIN1 (0 - 5Volts) (used for current sensor)

X2 connector pinout

Position	Function
1	Power output positive (5 Volts DC)
2	Power output negative
3	CAN +
4	CAN -

Canbus line on X2 connector is without line closure resistor