EOL-054 Safety radar sensor Inxpect SRE 200

Monitors the dangerous area of a machinery with the goal to detect human beings

KEY FIGURES

Budget price:

45K 6 sensor one controller* (installation included)

Main benefit

Safety

Installation time:

4 days

Machine downtime:

2 day

*These data are approximate and not definitive, depending on your machine configuration.

Can be combined with:

▪ EOL019 Smart HMI

Machine application:

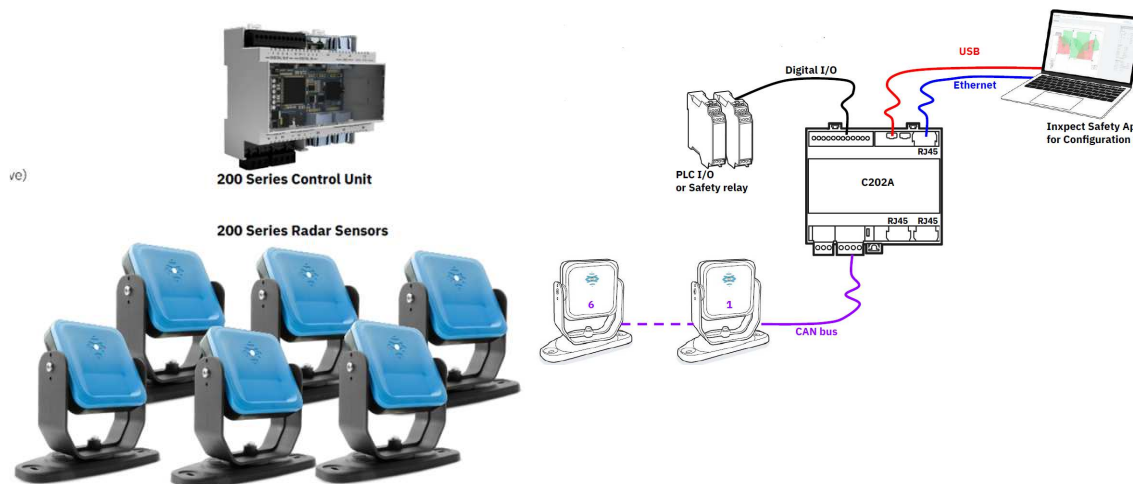▪ Palletizer/Depalletizer Crater/Decrater

DELIVERABLES

- High category Cat. 3 / PL d enables robotics applications to be safeguarded
- Insensitive to dust, dirt, rain, light, sparks, steam and vibrations
- High flexibility thanks to optimised sensor alignment and individual protection zone configuration
- Rapid commissioning, the sensors are easily selected and configured via the corresponding Configurator

DESCRIPTION

Safety radar sensor SRE200 is an active protection radar system that monitors the dangerous area of a machinery with the goal to detect human beings. The sensors are FMCW radars (Frequency Modulated Continuous Wave) based on a detection algorithm that is used to detect movements and micro-movements, ignoring static objects. High availability are ensured even where there are external influences such as dust, dirt, rain, light, sparks or vibrations.

BENEFITS

- **Safety:** Reduction of the potential risk of injury associated with human presence in the dangerous area of the machine
- **Efficiency**: Auto reset

200 Series Control Unit

200 Series Radar Sensors

General