



DETECT LINE NG for telescopic forklift

**POWER
LINE
DETECTOR**

*Detect the aerial lines of Medium
and High Voltage*



NETWORK EXPERTISE



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FRANCE**



● DETECT LINE NG for telescopic forklift

Detect the aerial lines of Medium and High Voltage

DETECT LINE NG is a detector of high voltage lines : MT (< 50 kV) and HV (> 50 kV).

DETECT LINE NG warns the user with an acoustic and visual signal when the lifting device enters a danger zone.

➔ PRESENTATION

DETECT LINE NG is composed of a sensor placed on the roof of the vehicle which communicates permanently with the central unit, placed in the cabin.

A box of visualization and acknowledgment of the alarms is placed in the vehicle.

As an option, an outside box of visualization and acknowledgment of the alarms is proposed.

➔ OPERATION

The DETECT LINE NG starts when the machine starts. If the sensor detects its entrance in the danger zone, an uninterrupted acoustic and visual alarm warns the user of the potential danger. The driver can turn off the acoustic alarm for 20 minutes by pushing the button "acknowledgment". The light remains active. A sound alert will then be emitted regularly (every 30 seconds) to indicate the danger. If the machine leaves the electric field area, the system resets.

➔ TECHNICAL CHARACTERISTICS

- ✓ Detection threshold around the sensor adjustable during installation from 10 to 40 m of a high voltage line
- ✓ Measurement accuracy : ± 4 m for a moving speed of 1 m/s
- ✓ Power supply : 24 VDC or 12 VDC
- ✓ Dimensions : $\varnothing 85$ mm x 100 mm (sensor), 160 x 130 x 60 mm (CU), 145 x 85 x 90 mm (inside visualization box) and 120 x 80 x 70 mm (outside box of visualization, in option)
- ✓ Waterproof standard : IP65
- ✓ Temperature range : -20 °C to +60 °C
- ✓ Self-test system at each power-on
- ✓ The sensibility limits of the device does not allow to detect 230 V to 380 V power lines
- ✓ The system does not detect the presence of direct current voltage

