

Profilactus

Construction site safety & alarm system

Art-No.: 14-000

Detection & Warning

of intruding vehicles
into a construction site

Dual warning

for the maintenance staff and the
person causing the accident

Modular design

endlessly expandable



Technical Data

Base station

Operating voltage:	12V
Power supply type:	2x 6V accu
Operating time:	300h
Charging time:	10h
Warning:	visual & audible
Sound volume with electric horn:	112dB
Sound volume with pneumativ double horn:	146dB

Pager

Power supply type:	2x AA battery
Warning:	visual, audible & vibration
Sound volume:	90dB

Sensor

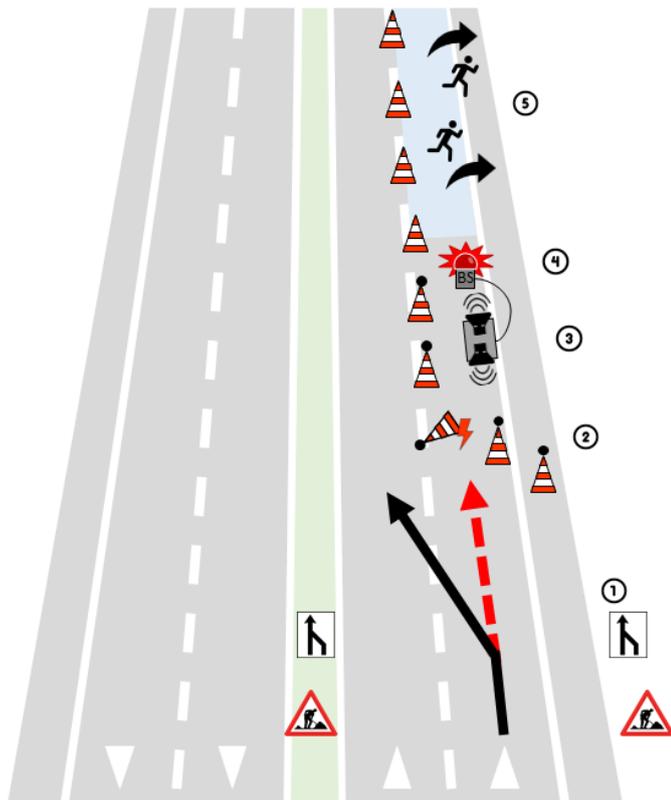
Power supply type:	Lithium 3V
Operating time:	5 years
Wireless range:	200m - 300m

Characteristics

- Patented crash-proof hybrid sensor
- Easy handling: press sensor into the traffic cone, switch on alarm device - done!
- Reduction of maintenance staff injuries and property damage
- Plug & play
- Bidirectional communication

Video:





Legend to situation plan

1. Lane reduction of the right lane. Normal traffic merges into the left lane.
2. Intrusion of the person causing the accident into the barricaded area and detection by a triggered Profilactus sensor. A double wireless message is sent to the base station (BS) (4.).
3. The pneumatic double horn connected to the BS immediately releases, for 3 seconds, a dual 146 dB loud acoustic tone. One tone penetrates the vehicle through the windshield to the person causing the accident, thanks to the special frequency. The other warns the maintenance staff with a ship horn.
4. The BS itself triggers an acoustic and visual warning of 15 seconds. It also activates additional alarm devices (paggers or other BS) if available.
5. Immediate escape of the maintenance staff.

Roadworks warning modules



Profilactus-S

Typically used on municipal roads to warn people
Consisting of:

- Sensors
- Pager
- Storage box-S



Profilactus-M

Typically used on main, state and county roads to warn people and groups
In addition to equipment Profilactus-S:

- Base station
- Charger
- Electric horn
- Storage box-M



Profilactus-L

Typically used on freeways and highways to warn groups and the person causing the accident
In addition to equipment Profilactus-M:

- Profilactus-S
- Pneumatic unit
- Pneumatic horns
- Storage box-L



Contact us

FRIKE electronic AG
Signalstrasse 1, 8194 Hüntwangen
Switzerland
+41 44 869 23 44, info@frike.ch
www.frike.ch



Verkehrstechnik
Technique du trafic
Traffic Control Engineering