

Bennesécur™

Dumpster lifted verification system



Zone Technologies inc. | Innovation In Motion

System in accordance with the new regulation of the SAAQ

Scheduled to be implemented in April 2019

Following changes to SAAQ regulations on heavy dump truck, **Zone Technologie électronique Inc.** comes with its own security and verification system.

This system will take into account the speed of the vehicle via the OBD2 connector of the vehicle and will allow the control of a warning light and a warning buzzer expected by the new regulation. It's installation is done easily and on all type of dump vehicle (trailer type included).

Zone Technologie électronique Inc. is a compagny base in Quebec that uses it's own expertise, innovation and creativity to design quality products for more than 20 years.

Integrated functions :



J1939 no request

(no possible interferences)

Recognition of the speed

(triggering at 12km/h)



Warning light protection

(integrated protection)

Fast and easy to install

(harness and connectors included)



Warning buzzer

(integrated protection)



Proximity sensor

(operational with aluminium, steel, etc.)



General description:

The Bennesécur™ kit allows rapid installation of a reliable dump check system in accordance with the new regulations of the SAAQ (April 2019).

It's **IP67**certified detector, rugged connectors and epoxy casting control module give you added protection against **vibration, dust and moisture**. The installation of the complete kit will require almost no tools thanks to the wiring and connectors already included.



Proximity sensors



Connectors



DEL light/ buzzer



Proximity sensors



Not magnetic
work on alluminium
dump body



Not mechanical
Very reliable and adjusts to
the movements of the bucket



Not optical
Needs no
maintenance and is
insensitive to dirt

Characteristics

- Quick installation / universal solution
- Sound and light indicators included in the kit
- Take into account the speed of the vehicle
- Robust and reliable
- Conform to the SAAQ

Electrical specifications

Operating voltage: 10 à 16 Vcc

Operating temp.: -40 °C à 75 °C [-40°F à 167 °F]

Consumption: dump close: 4mA
dump up: 140mA (max)

Outputs : 2x 12 V, 1A (2)

Inputs : 4x 12V, 10mA(4)