



EGOpro Safety Anti-crushing Safety tool

«Management of hazardous areas around fixed machinery»

EGOpro Safety is an innovative system that integrates modular solutions for active safety into the workplace. EGOpro Safety uses a unique technological approach that ensures security & safety management in operating areas - an issue which is increasingly felt in the labour world.

EGOpro Safety Anti-crushing is a module of the EGOpro Safety system that manages access to high-risk areas, and that alerts the operator (e.g. with an alarm or by stopping the machine) whenever he goes beyond the safety perimeter around hazardous machinery, by using LNXessence. technology.

The system

To go beyond the safety perimeter is prohibited in industrial environments; yet, the operator can find himself in a hazardous area for reasons that go beyond his will, for example because of a sudden illness or in case of an accident near a hazardous machine (e.g. crushers, presses, etc...). In these cases it is important to have an alarm system in place or a system that stops the machine in order to prevent serious accidents.

The EGO Safety Anti-Crushing identification system interrupts the movement of machines blocking their operation or, alternatively, it gives a visual or sound alarm signal when the worker goes beyond the safety perimeter.

Its integration with the LNXessence technology makes the EGOpro Safety Anti-crushing system compatible with all other modules of the EGOpro Safety line, such as Access Control, Move, DPICheck, etc...



Functions

> CONTINUOUS CONTROL

The operator with an active Tag can safely move within the work environment; it is the system itself that will make sure that the operator does not go beyond the safety perimeter around machinery.

> IDENTIFICATION

Other than controlling hazardous areas, EGOpro Safety Anti-crushing can be associated with an access control system that monitors and tracks all entry/exit movements of staff in given company areas.

Benefits

> ENHANCED SAFETY

The EGOpro Safety Anti-crushing system lets out an alarm signal or stops the machinery when the worker goes beyond the safety perimeter.

> DOUBLE CONTROL

The machine can be restarted only through manual controls.

> GREAT FLEXIBILITY

Other than for the purpose of controlling hazardous areas, the Tag can be used for presence detection and staff identification, always in a hand-free, long-range manner.

A.M.E. designs, develops and manufactures integrated turnkey solutions for Security & Safety, logistics and automation and control in industry.

AME has advanced expertise in wireless communications systems and exclusive technologies in RFID and microwave sensors.

Its strategic objective is to exploit its skills to improve ergonomic and safety conditions in operating environments other than to optimize the performance of production processes.



REFERENCES

