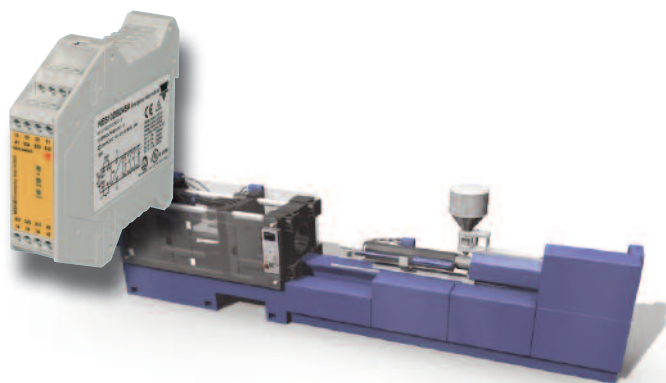


# CG APPLICATIONS

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**Application Note :** May 10<sup>th</sup> 2007

**Market involved :** Plastic & Rubber

**Product :** NES13D

**Customer :** ---

**Subject :** Emergency stop in plastic extrusion machinery

## CUSTOMER ISSUE :

Plastic extrusion machineries for hose production are developed in several parts and are some meters long.

The machinery is developed with dedicated sections for heating, extrusion, cooling and cutting with several potential risks for workers.

In any case of danger or emergency, workers must be able to stop the machinery immediately no matter of their position around the machinery.

## OUR SOLUTION:

The E-stop buttons must be set all around the machinery in order to create a wise distribution.

This buttons chain is connected to one or more E-stop safety modules NES13D that assure the safety opening of the motor power supply contactors, in order to stop the machinery.

## ACHIEVED BENEFITS:

- Assurance of the safety level required by the application.
- To keep the risk for man and machines as low as possible assuring the machinery stop with an E-stop button push.
- Detachable terminals version to speed up the installation or replacement phase.

