

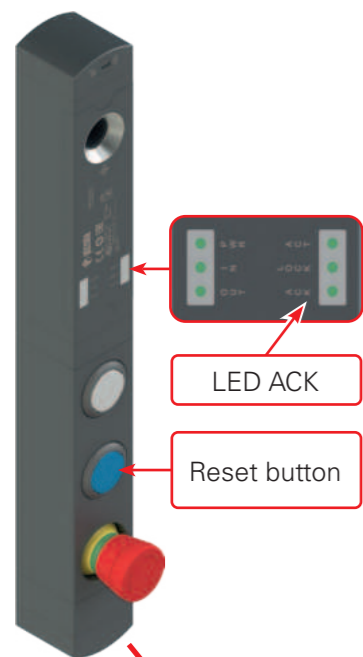


**NS series safety switch
with integrated
reset function**



Passion for Quality

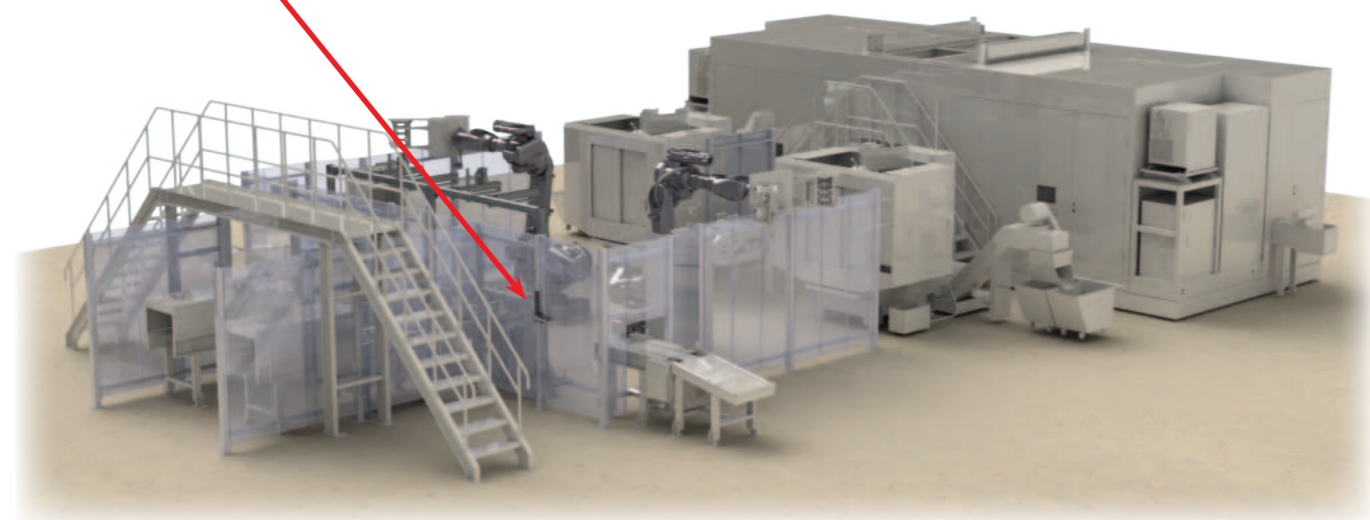
NS series safety switch with reset function



The new **NS series safety device with integrated reset function** was developed with the goal of combining the manual reset of the interlocking function with an RFID safety device with lock in a single product. The use of the NS series switches with integrated reset function has the advantage that the interlocking function can be reset directly on the device. Its safety outputs are only activated if the actuator is inserted and locked, and only following a manual acknowledgement on the device's reset input, the so-called acknowledgement input.

The NS series switches with reset function offer the same safety features of the other NS series switches as well as a new function for manually resetting the interlocking function directly on the device.

The devices feature a dedicated input for the reset command and an additional "ACK" signalling LED (acknowledgement) for the state of the reset function that illuminates if a manual reset has occurred.

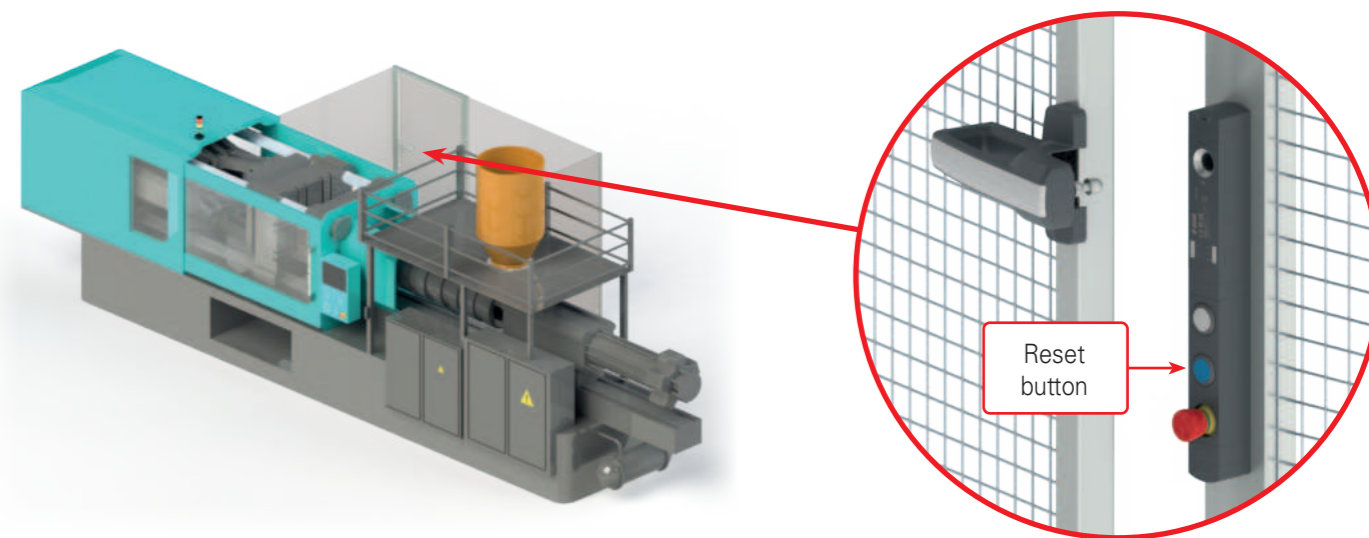


COMPATIBLE WITH THE EUROMAP STANDARD

EUROMAP is a European association of manufacturers and users of plastic and rubber machines that represents 40% of the global plastic and rubber market. The range of services offered by EUROMAP also includes the preparation and publishing of technical documents, so-called recommendations that are intended to standardise the market for this type of machinery. Recommendations **EUROMAP 78** and **EUROMAP 78.1** focus on setting standards for the electrical interface between injection-moulding machines and the interlocking devices installed on the perimeter guards. The NS series safety switches with integrated reset function satisfy the requirements of standards EUROMAP 78 and EUROMAP 78.1.

EUROMAP 78 AND SAFETY SWITCH NS D6•••••

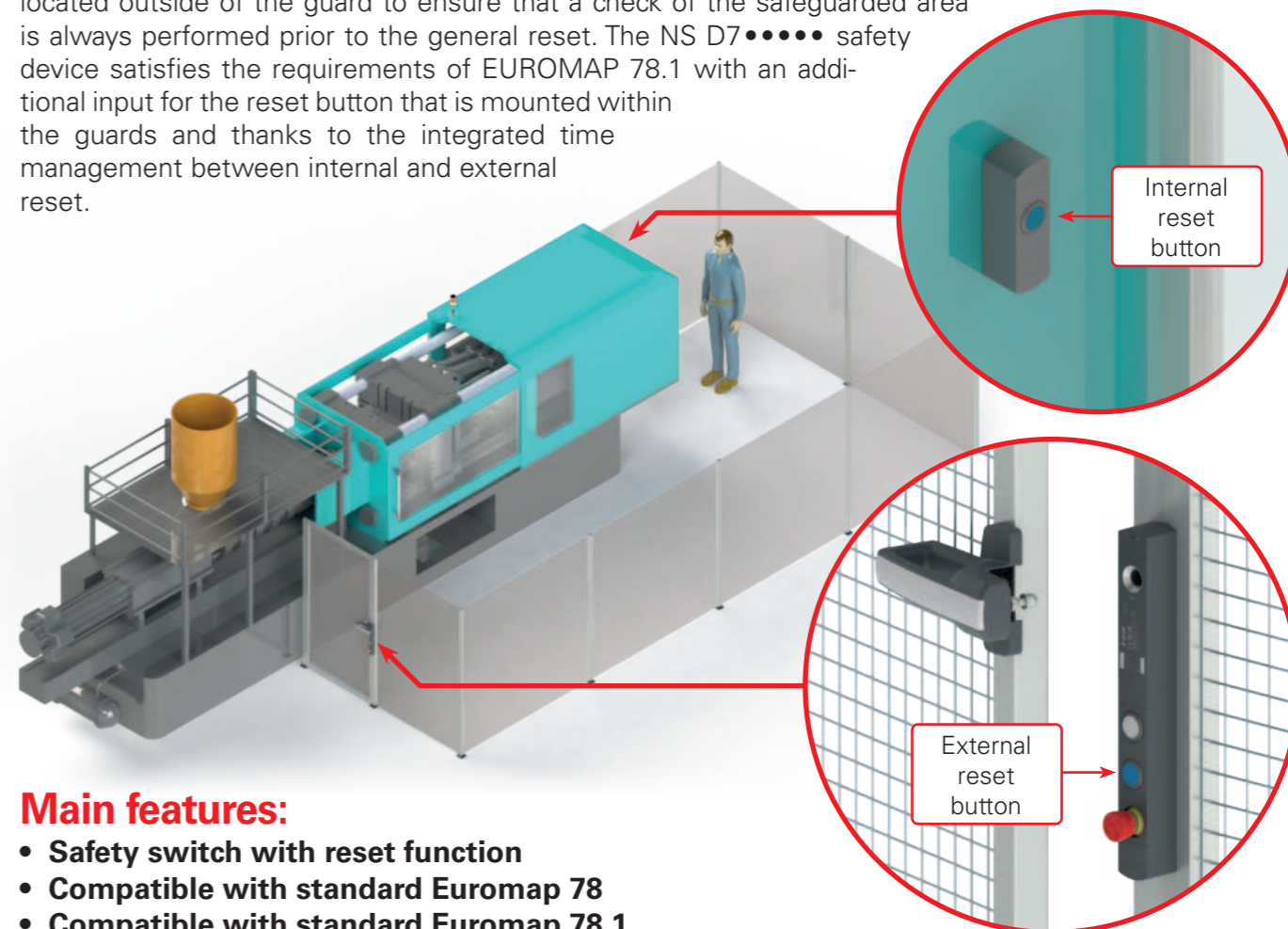
The **EUROMAP 78** standard requires that the interlocking device installed on the perimeter guards only activates its safety outputs if the guard is closed and locked and manual acknowledgement has been performed by the operator. The NS D6••••• safety switch with integrated reset function thereby satisfies the requirement according to EUROMAP 78.



EUROMAP 78.1 AND SAFETY SWITCH NS D7•••••

EUROMAP has created a separate document called **EUROMAP 78.1** for applications in which the areas to be separated by perimeter guards are very large and where an operator within the danger area may not be visible from the external manual reset point.

EUROMAP 78.1 therefore requires that an additional reset device must be present within the guards. The reset of the interlocking function (and, thus, activation of the safety outputs of the device) must be performed by first actuating the internal reset device and within a certain time actuating the reset device located outside of the guard to ensure that a check of the safeguarded area is always performed prior to the general reset. The NS D7••••• safety device satisfies the requirements of EUROMAP 78.1 with an additional input for the reset button that is mounted within the guards and thanks to the integrated time management between internal and external reset.



Main features:

- Safety switch with reset function
- Compatible with standard Euromap 78
- Compatible with standard Euromap 78.1



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