the sensor people





**Interactive Guide** 



Place cursor on each product for weblink

#### LEUZE PRODUCTS FOR SAFETY AT WORK

As one of the technology leaders in the area of optoelectronic safety sensors for industrial automation, we offer effective personnel protection devices in accordance with international safety standards.



#### **LEUZE MACHINE SAFETY SERVICES**

Every designer, manufacturer, supplier, importer and installer of machinery must take resonably practical steps to ensure that the machine is without risk to the health and safety of all personnel. The safe design of the machine to appropriate functional safety standards, plays a critical role in achieving this.

Risk assessment
Safety system design
Circuit & analysis verification
Safety training
Stop time measurement
Safety system validation









Contact us for more details: sales.au@leuze.com





#### HAAKE SAFETY FOR MACHINES AND PLANTS

Health and safety as well as safety of machinery is our top priority. Haake Technik GmbH design and manufacture safety edges, safety bumpers, and trapped-key interlocking systems as well as valve interlocks.

Trapped key interlocks Safety edges Bump strips Safety valve interlocks



#### PINNACLE SAFETY MACHINE GUARDING

Safety mats are designed to detect the presence of workers or passer-by on the mat surface area around hazardous machines. These safety mats are flexible, impact resilient, functional after punctures, extremely durable and will not rust. Custom safety mats and large machine layouts are our specialty.

Safety mats





#### **PIZZATO SAFETY PORTFOLIO**

Pizzato Elettrica is one of the leading European manufacturers of position switches, microswitches, safety devices, safety modules, foot switches, control and signalling devices, and devices for elevators.



#### TR-ELECTRONIC SIL RATED RANGE

The required safety level is determined according to the possible risks. This level has to be fulfilled by the components and structure choosen. TR-Electronic provides both: devices fitting perfectly into applications requiring SIL3 / PLe and SIL2 / PLd.

Incremental encoders
Rotary encoders







#### LEUZE ELECTRONIC



#### **RSL Profisafe Safety Laser Scanner**

- Scanning angle of 270° and operating range of 8.25m
- Easy to mount, removable connection unit that remains secured in place when replacing the scanner
- 2 independent protective functions in one device
- PROFINET/PROFIsafe interface for simple integration in industrial networks



Youtube video link

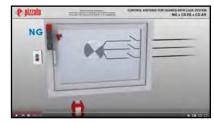
#### **PIZZATO**



#### **NG Series Safety Switches**

Safety switches equipped with RFID technology expand further and now include new versions with integrated buttons, for controlling and signaling functions.

In order to meet the various needs of its customers, Pizzato Elettrica provides different configurations and combinations of control and signalling devices: with buttons, signalling lights, emergency buttons, selectors, switching 1NO, 1NC, 1NO+1NC, 2NC contact blocks.



Youtube video link



#### P-Kube Krome Series Safety Handles

Compatible with NG and NS series safety locking switches with RFID technology. Internal, robust 5 mm thick steel fixing plate, to increased service life. Handle front customizable in satin chrome and illuminated white finishes. Illuminated control button, built into handle, with call, open, reset, and other functions. Modern and ergonomic design with fully concealed fixing screws and cabling Tamper prevention, from interlocking protection caps inserted to fixing screw holes. High signaling visibility, even from a considerable distance, and in brightly-lit environments.



Youtube video link

Application KNOW HOW

#### **HAAKE**

#### Safety of machinery: Machine with run-down time and multiple doors



Haake-Technik is a producer, supplier and manufacturer, of door interlocks, trapped-key systems or key-operated mechanical interlocks. The modules of trapped key interlock systems from Haake, "HST", are rotary key switches, solenoid key release units, electronic time-delay unit, switchgear adapter, key exchange units, bolt interlocks in single and dual key versions and access interlocks (single and dual key versions). In this video we see a machine with run-down time and multiple doors and a delayed release of the key by solenoid locking. The operator got part-body access. The logic safety sequence is determined by a key change station. The switch is interlocked by an interlocking device. Trapped key interlocks are applied to any form of equipment in industries like automotive industry, chemical industry, pharmacy, machine tools, oil / gas, packaging machines, textile industries.



Youtube video link

Place cursor on picture to open .Pdf

#### **LEUZE ELECTRONIC**

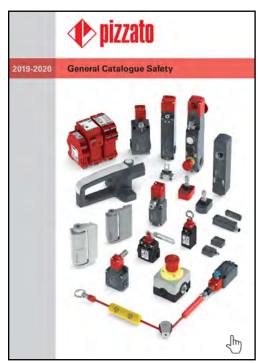


PIN\_RSL400\_en\_2018-09\_-50127457\_96dpi

# Leuze electronic **MSI 400** Safety controls for press applications

FLY\_MSI-Pressen\_-50136826-\_en\_144dpi-

#### **PIZZATO ELECTTRICA**



ZE GCS03A18-ENG

### **TR-ELECTRONIC**



Sends you to website to view/dowload brochure

Absolute rotary encoder CD \_58 2+FS SIL2/3 (68-105-127)

#### **SUPPLIERS OF:**

## HAACE.

Trapped Key Interlocks Safety Edges Bump Strips Safety Valve Interlocks





Power connectors Sensor/Actuator connectors Cables Adapters



## PINNACLE

Safety Mats







Position Switches Safety Switches/Modules Foot Switches Push buttons



## **Q**light

**Tower Lights** Beacons Sirens Limit Switches Ex-proof signal devices



## Relectronic

Rotary Encoders Linear Encoders Drives Components





PH Sensors





Pressure Sensors Temperature Sensors Level Fluid Sensors Pressure Transmitters











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