



Machine Safeguarding & Industrial Automation Solutions





Pressure - sensitive mats for safety and presence detection



- Durable & reliable
- Completely sealed, washable & impact resistant
- Maintenance free
- Custom shapes & sizes available
- Safety category 3 systems available
- Made in the USA

Applications for sensitive mats & edges

- Aircraft/airports
- Agricultural equipment
- Amusement parks
- Automatic machine doors
- Automobile & motorcycle plants
- Conveyor systems
- Customer service kiosks
- Food processing equipment
- Forklifts
- Grain elevators
- Industrial manufacturing
- Material handling equipment
- Meat packing plants
- Medical/veterinary equipment
- Packaging equipment
- Paper mill machinery
- Robotics work cells
- Shipboard machining
- Stop switches
- Sweeping machines
- Textile machines
- Theatrical lifts/stage equipment
- Welding robots
- Wineries
- Woodworking equipment
- Zoo equipment



Electrical sensing edges for machine safeguarding



- User - specified profile lengths
- Quick & easy installation
- High mechanical load capacity
- Maintenance free
- Safety category 3 systems available
- Wide variety of profile sizes available from miniature to high overtravel
- Assembled in the USA





SpotScan

High precision active infrared presence sensor

- Drive-thru window activation
- Inventory/process control
- Machine activation
- Pinch point protection
- Point of sale applications
- Security portals



MicroSense ThermoSense

Precise passive infrared activation sensors

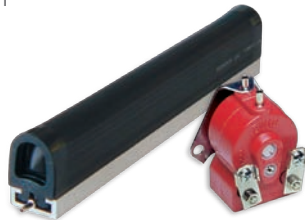
- Device activation through detection of people & animals
- Entry activation
- Lighting activation



Pressure Wave Sensors

Pneumatic sensing edges, switches, push buttons, and ground contact sensors based on proven technology

- Industrial lifts
- Medical/veterinary equipment
- Refrigeration & cold storage
- Vehicle doors
- Warehouse doors
- Whirlpools/hot tubs



Hercules 2

Industrial-grade, weatherproof microwave motion sensor

- Versatile sensor with people/vehicle differentiation, cross-traffic masking and direction recognition
- Activation of interior and exterior warehouse doors
- Activation of cold storage doors
- Forklift traffic monitoring
- Ground loop alternative
- Mine entrances



ProxySwitch

Touchless active infrared switch

- Multi-purpose activation switch for hygienic areas such as clean rooms, hospitals, laboratories & food processing facilities
- Push plate alternative





Bircher America, Inc facility Schaumburg, IL

Bircher America, Inc with its worldwide headquarters in Switzerland, is the motion and presence sensor specialist in the machine safeguarding, automatic pedestrian door, industrial door/gate and mass transit markets. Valuable long term and cooperative customer relationships, expertise and future-oriented innovations have been the key to our success over the last 50 years. Bircher America proudly manufactures safety mats and assembles sensing edges in the USA.

Whether pressure sensitive or contact free – our innovative products set the standards of tomorrow. We make sure you are on the way to a safer and more comfortable future.

**Your authorized Bircher
America distributor is:**



**Bircher America proudly sells
their products through an
authorized distribution
network. Please contact us to
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