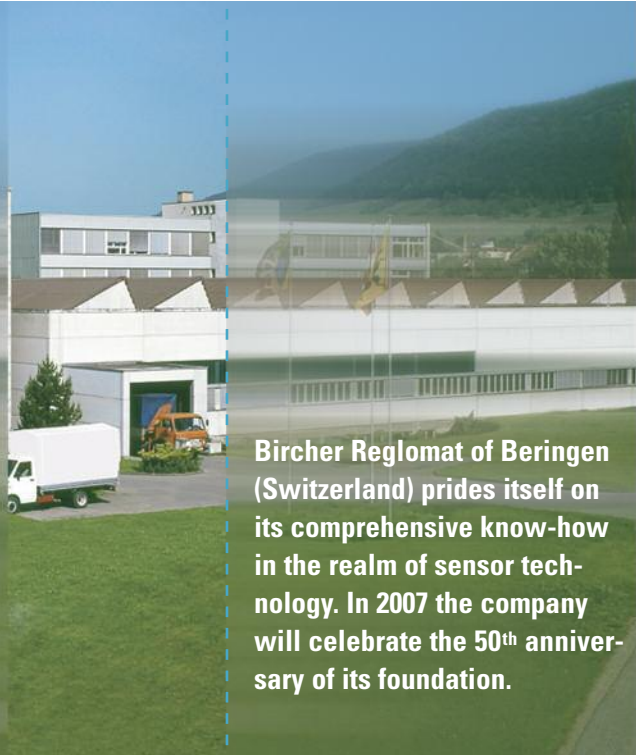


# Public Transport

Comfort and Safety





**Bircher Reglomat of Beringen (Switzerland) prides itself on its comprehensive know-how in the realm of sensor technology. In 2007 the company will celebrate the 50<sup>th</sup> anniversary of its foundation.**



According to the latest UN statistics, the cities around the world grow by one million people each and every week. The concomitant need for mobility creates ever more demanding challenges for public transportation in the cities and urban centres. System manufacturers and suppliers are trying to find innovative solutions designed to make public transportation more attractive, easing the traffic on crowded streets and the impact on the environment.

We are one of the market leaders with a worldwide presence. A network of subsidiaries and distributors around the globe ensures competent support for our customers.

We are specialists when it comes to non-contact and pressure-sensitive sensors. Our emphasis is on quality, comfort and safety. Direct customer contact is important to us since it enables us to offer individually optimised value. Customer requirements and benefits are at the centre of our endeavours.

Our broad gamut of convenience and safety products covers applications from doors to gates in the industry and in public transportation. We are committed to the continued development of innovative solutions adapted to changing customer and market requirements and to their implementation in industrial production engineering.

Let us follow this path together – into a comfortable and safe future.

sensing the future



The meteoric increase in passenger numbers poses technical challenges for new transport systems, with safety and comfort playing an ever more important role.

Bircher Reglomat sensors open and close doors safely and reliably and are unobtrusively integrated into the vehicle design. Our sensors serve as safety components for the protection of people and property and are also used in a variety of convenience and comfort solutions.

Take a seat and ride safely into the future with Bircher Reglomat.

#### **Our costumers**

**CWA Constructions SA/Corp, Switzerland**

**Ansaldobreda S.P.A, Italy**

**Volvo Polska Sp. z o.o., Poland**

**Bode GmbH & Co. KG, Germany**

**Siemens AG Transportation Systems, Germany**

**Schweizerische Bundesbahnen SBB AG, Switzerland**

**Stadler Bussnang AG, Switzerland**

**Bode Corporation, USA**

**Faiveley Transport USA Inc., USA**

**Garaventa AG, Switzerland**

**Bombardier Transportation SA, Switzerland**

**IrisBus France SA, France**

**Eurotunnel, United Kingdom**

**Deans Systems (UK) Ltd, United Kingdom**

**Carrosserie Hess AG, Switzerland**

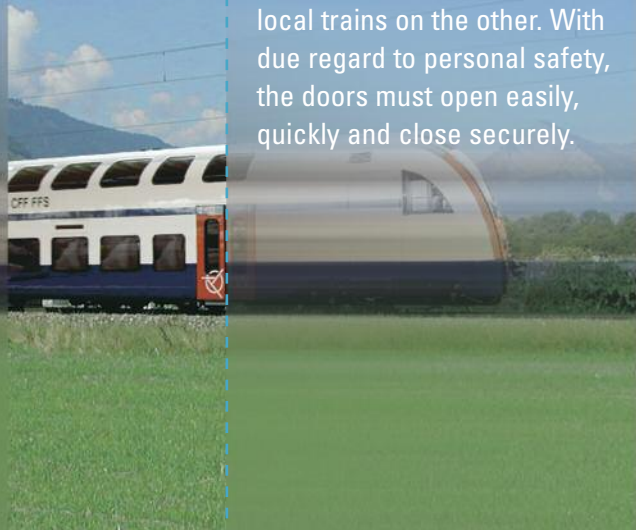
**Beijing Bode Transportation Equipment Co., Ltd, China**

**Nanjing Kangni New Technology of Mechantronic Ltd, China**

**EvoBus GmbH, Germany**

### **Our challenge**

The specifications for the inner and outer doors differ from high-speed and intercity trains on the one hand, metropolitan and local trains on the other. With due regard to personal safety, the doors must open easily, quickly and close securely.



**Railway**

### **Our challenge**

The opening and closing of the doors of articulated and trolley buses as well as urban and minibuses with a kneeling entrance, must be assured with the highest degree of safety and convenience.



**BUS**

### Our solutions

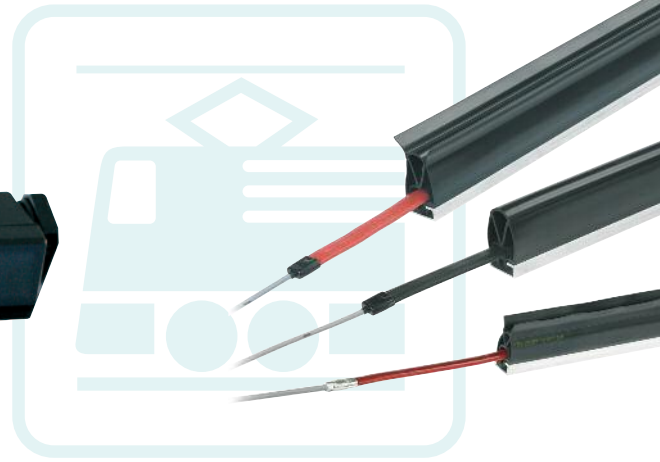
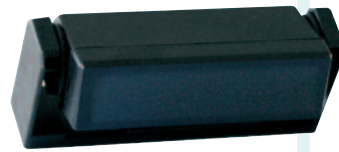
Rail-car doors require robust, durable protective devices. For forcefully and rapidly closing outer doors, pressure-sensitive safety strips and foot-board systems as well as infrared point- or fan-beam sensors, or a combination thereof, provide the desired protection. A great retrofitting option, too.

### Our customers

Global rail-car builders, door manufacturers for public transportation and the system operators appreciate the excellent performance of our products, and that in the retrofit sector as well. Our strong suit consists in convenience and safety solutions for automatic doors.

# SIEMENS

**STADLER**  
Cleverer Lösungen auf der Schiene



sensing the future



### Our solutions

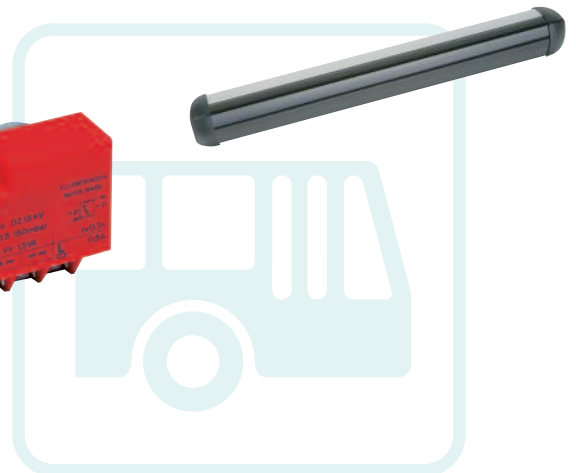
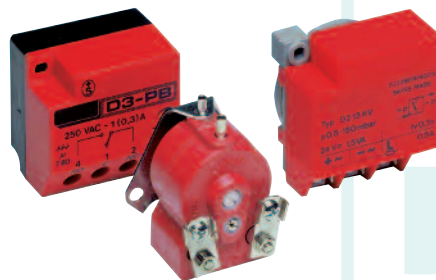
On many bus doors, the time-tested dynamic pressure-wave switch in conjunction with our pressure-sensitive safety strip is protecting the user from an unwanted closing. Various active infrared sensors serve as invisible "guardian angels", protecting boarding and alighting passengers from unwanted door movements or dangerous situations.

### Our customers

Renowned European and international bus manufacturers would use nothing but our dependable sensors. A full range of services and competent consulting round out our attractive product gamut.

# VOLVO

# HESS





**Our challenge**

Personal safety is of paramount importance for the door systems of various cable cars, monorails and shuttles. Environmental conditions and mechanical stress are particularly significant factors.

Ropeways



**Our challenge**

The tramway is enjoying a veritable comeback. The world's largest metropolitan areas have come to realise that public transportation such as the tramway can reduce the chaos in the streets. The tram doors as well must work smoothly and safely.

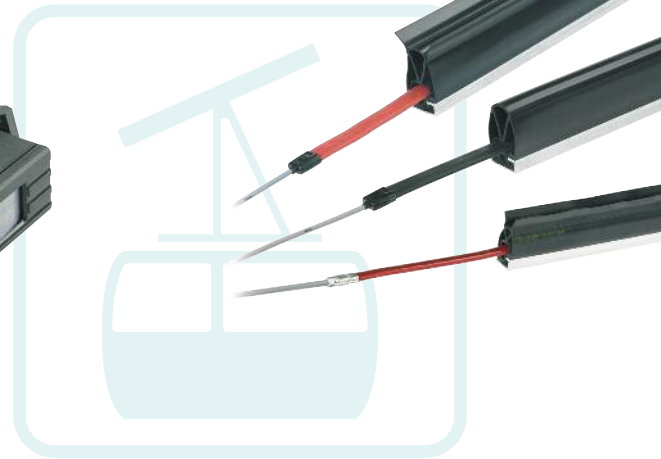
Tramway

### Our solutions

Interlocking door edges adapted to the shape of vehicles or cable cars that are exposed to various environmental conditions require extra protection. Infrared sensors inside the cabin can serve as pulse generators for many purposes, from activating the cable car to turning the cabin for a breathtaking panoramic view.

### Our customers

Innovative builders of complex aerial cableways, monorails or shuttles look to us again and again for solutions, including the extraordinary, on everything that has to do with entrance and exit areas.



sensing the future



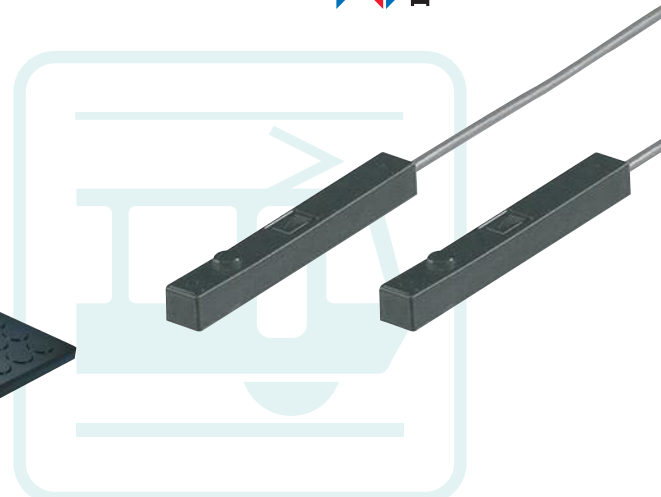
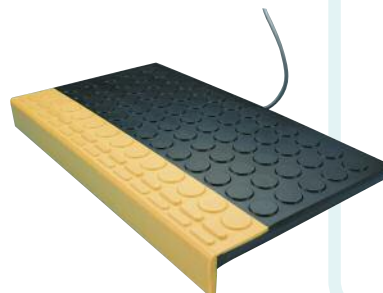
### Our solutions

The interlocking tramway door edges are made safe using different sensor systems. Light barriers are becoming ubiquitous. The installer enjoys a greater sense of safety even when retrofitting such sensors. Our sensors require no vehicle design changes.

### Our customers

Well-known tramway builders insist on our dependable products. Domestic and foreign public transport operators integrate our modules, even as retrofits. We believe in innovation and in solutions developed jointly with our customers.

**BOMBARDIER**





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