

**Ladies and Gentlemen,**

Schmersal participates in this year's Hanover Industrial Trade Fair under the motto: "Schmersal on the move". You can experience what is moving us, where we are moving to and especially how we want to move our customers **from 19 April till 23 April 2010 in Hall 9, Booth D 35.**

We are going to show you our product innovations as well as interesting system solutions for machine safety. Another highlight will be our new services, which we can offer you from now on. Our objective is to provide you with additional freedom of movement by introducing our competency and know-how with regard to machinery safety in your development processes.

Discover innovative new series of safety switchgear, especially with respect to explosion protection and optoelectronics. And find out all about our "Safety Consulting" - get to know us as your provider of complete solutions for all your machine safety issues.

A little preview of some of the "highlights" you can expect:


**Products**
**Especially individually:**
**Safety Consulting: premiere for a new service offer**


With our "Safety Consulting" service, which we will present for the first time at the Hanover Industrial Trade Fair, you are always up-to-date with regard to machine safety. And your construction and development flexibility will be enhanced as well. Our Safety Consultants have the competencies and skills that you need, for instance to deal with questions regarding the application of directives and standards respect to the actual constructional practice. This means in particular: your design freedom and creativity is stimulated - and you are always on the safe side. [▲ more](#)

**Especially explosive:**
**Safety in explosive atmospheres: robust position switches for the Ex Zones 1 and 21**


Machine safety and explosion protection are two fields placing particularly stringent requirements on industrial switchgear. The new EX-T 335 series meets these requirements, as these position switches with safety function are suitable for monitoring the position of safety guards in explosive atmospheres. [▲ more](#)

**Especially functional:**
**New safety-monitoring modules: more functions at an even more attractive prices**


The PROTECT-SRB 211 safety-monitoring modules have stood the test as universally applicable series for safe signal processing in various fields of applications. Discover the new generation of this series: it does not only offer additional comfort features. As a result of the standardisation, it is also more cost-efficient. [▲ more](#)

**Especially intelligent:**
**Safety light curtain with teach-in function for blanking**


The new SLC 421 series enables configuring different types of blanking functions in a comfortable manner through a "teach in" function, without needing any PC software or programming device. In this way, the operator defines the areas to be blanked. He can choose between fixed blanking, fixed blanking with one or two additional mobile light beams and - last but not least - floating and fix blanking. This feature provides for additional flexibility at the man-machine interface and simultaneously a high safety level. [▲ more](#)

**Especially innovative:**
**Research & Development news**

These are only a few of the innovations, which we will present at Hanover. Our Research & Development Department furthermore proudly presents some exciting projects. Witness for instance "live" the innovative button, which can distinguish between a finger (i.e. the human skin) and a glove; find out all about the first safe ultrasonic sensor of the world. Learn more from our R&D team about other technologies, which will be utilized in future generations of safety switching appliances and look into the future of machine safety.


**Schedule**

- ▲ 13.04. - 16.04. Amper 2010, Prague (Czech Republic)
- ▲ 19.04. - 23.04. Hanover Fair 2010, Hanover (Germany)
- ▲ 12.05. - 13.05. Liftex 2010, London (England)
- ▲ 31.05. - 05.06. BIEMH - International Machine Tool Biennial , Bilbao (Spain)
- ▲ 01.06. - 03.06. SEPEM INDUSTRIES EST, Colmar (France)
- ▲ 08.06. - 10.06. Drives and Controls, Birmingham (England)
- ▲ 08.06. - 11.06. Automatica, Munich (Germany)
- ▲ 13.09. - 16.09. Motek, Stuttgart (Germany)



## Company

### Schmersal Group can test safety products of the Machinery Directive themselves



Since February 2010, we are authorised to test functional safety products in accordance with Appendix X to the new Machinery Directive by ourselves. The requirements that this Appendix X places on the quality management system go far beyond the DIN EN ISO 9000ff. To our customers and to you, this means that we meet the highest quality standards - and we voluntarily accept external audits to ensure that the system is properly used. For series products however, we will continue to commission a notified body to subject our own results to an external verification. [▲ more](#)



## Standards

### Standards & Co.: components library for SISTEMA



At the Hanover Industrial Trade Fair, we will show you calculation examples for the SISTEMA software and our components library, which provides the data required by SISTEMA, e.g. the B10d values or the service life TM. In this way, the assessment of the safety-related parts of control systems to EN ISO 13849-1 is facilitated to the machine builder. [▲ more](#)

## Plan your visit!

As this short overview demonstrates, visiting our booth is worthwhile. Experience how we move the market and our customers. Do not hesitate to bring along your specific questions, problems or projects to the fair. Our sales engineers, product managers and Safety Consultants will be pleased to discuss them with you and to help you to find an adequate solution - if possible right on site.

If you like to plan your fair visit beforehand, call 0202/ 6474-868 to make an appointment. We are looking forward to your visit!

### Try your luck in our fair game with moving prices!

Visit us at the Hanover Industrial Trade Fair and try your luck in our awesome fair game. Win exciting prizes, which will provide you moving moments! Attend to a touring car race as a VIP guest or become passenger in a race Porsche at the Nürburgring. Good luck!

## Imprint

### Publisher



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Commercial register of the local court (Amtsgericht): HRA 12849  
VAT identification number: DE 121025203

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