

# PRESS INFORMATION

## Compact and tamper proof

### **New safety sensors with RFID technology**

The Schmersal Group are presenting at the SPS IPC Drives trade fair a new safety sensor for the first time. This safety sensor combines the successful detection principle using RFID technology in a special compact construction. The new RSS260 safety switching device achieves quite a high switching distance.

In addition to the standard actuator that is suitable for assembly on the normal aluminium profile systems, additional actuator designs can be selected. Also available is an extremely compact rectangular target and a very flat, elongated actuator for the RFID safety sensor that is perfect for design-oriented machines and plants as well as for being mounted on Plexiglas safety gates.

The various actuators allow optimal integration of the safety sensors in the surrounding construction of removable, rotating and sliding protection equipment. All variants offer a high level of tamper resistance as the Schmersal-developed RFID-based fail-safe sensor technology permits individual actuator coding.

In the basic version, the sensor accepts any suitable RSS family target. A second version for increased tamper resistance only responds to an individually assigned target. The teaching process can be repeated any number of times. Finally there is a third version available for the highest level of tamper resistance that only accepts the target that went through the teaching process when first switched on.

Other characteristics of the RSS260 include the ability to connect in series with multiple safety sensors and to evaluate them with a single safety module without compromising the safety level and the diagnostic capability. This also applies when combining the RSS260 with other safety switching devices like the solenoid interlocking devices AZM200, AZM300 and MZM100.

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### **Photo material**

K.A. Schmersal GmbH & Co. KG, Wuppertal

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