RFGS Pro

The complete RFID object identification system for logistics applications

TRACK AND TRACE SYSTEMS

SICK
Sensor Intelligence.

RFGS Pro
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Technical data overview

Usage	Reading and assignment of RFID tags at gates
Transport speed	0 m/s ... 3 m/s
Output data	XML, ASCII, customer protocol

Product description

The RFGS Pro (Radio Frequency Gate System) track and trace system is ideal for optimizing processes in the supply chain process. It is a flexible, intelligent solution specifically for goods receipt and goods issue in logistics. The system consists of interrogators for RFID identification, a central controller with an integrated allocation algorithm, and a 2D laser scanner for object, speed and direction detection. RFID tags can be uniquely and remotely assigned at the gate. In addition, "false-positive reads" are suppressed without the need for any expensive licensed software. The industrial, rugged standard mechanics and installation wizards integrated in SOPAS software from SICK make simple, cost-effective commissioning on site possible.

At a glance

• Remotely assigns tags to objects and detects the direction of the moving object
• Remotely distinguishes between moving and static tags and filters them for the host message
• Distinguishes between pallet and person
• Stand-alone gate with integrated controller
• Central interface for all sensors via CAN and TCP/IP network
• Integrated service, monitoring and diagnostic tools
• Parameter cloning of sensors via SD card

Your benefits

• Reliable pre-filtering of process-relevant tags reduces on-site adjustment costs
• Suppression of "false-positive reads" without using expensive licensed software saves money
• Simple ERP connectivity without any additional licensed software saves time and money
• High-quality sensors provide reliable detection capabilities
• Simple on-site commissioning via SOPAS software saves time
• Simple integration with SICK's 4D*pro* makes it easy to add bar code scanners to an application
• Durable mechanical design allows flexible adjustment of antennas for easy on-site adaptation, which saves time and money

Fields of application

• Retail, logistics, storage and automotive industries
• Goods receipt and goods issue (GR/GI) control when loading and unloading trucks
• General production logistics, e.g., for batch control
• Detection of vessels in a group during container management
• Transfer points in production and warehouse logistics
• Carrier detection

Ordering information

Other models and accessories ➜ www.sick.com/RFGS_Pro

Type	Part no.
RFGS Pro	On request

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

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