RAS Prime

Operator assistance for collision-free container handling

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RAS Prime

CE

Product description

The RAS Prime (Reachstacker Assistance System) driver assistance system is a cost-effective solution that can be retrofitted on reach stackers and empty container handlers. It provides a warning that prevents collisions with other vehicles and the port infrastructure and assists the operator in critical driving situations, e.g., when approaching containers, pillars, and cranes. Obstacles located in one of the defined warning areas are indicated on a display. The operator is warned in advance to ensure appropriate safety distances are maintained. If a collision is imminent, an alarm will alert the operator so that the vehicle can be stopped.

At a glance

• Rear-end collision warning
• 2-stage warning system provides the operator with advance warning of a collision and (stage 2) initiates a response
• Touchscreen that displays obstacle outlines
• Configurable safety distances
• Suppression of false alarms for higher operator acceptance
• Self-diagnostics for straightforward troubleshooting and maintenance

Your benefits

• Prevention of collisions and accidents reduces repair costs and spare part costs
• High machine availability for trouble-free container handling
• Collision avoidance extends machine service life
• Integrated installation wizard simplifies installation and operation
• Self-diagnostics function and reporting make system maintenance easy

Fields of application

• Collision protection for reachstackers and empty container handlers for container handling in ports

Ordering information

Other models and accessories ➔ www.sick.com/RAS_Prime

Applications	Items supplied	Type	Part no.
Collision protection for reach stackers and empty container handlers for container handling in ports	LMS151-10100S03 LMS151-10100S04 Operator display Mounting set for operator display Ethernet switch Buzzer USB stick with operating instructions Power supply connecting cable for LMS1xx (2 x) Ethernet connection cable for LMS1xx (2 x) Ethernet connection cable for display Connecting cables for operator display	RAS Prime	1057936

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**

SICK AG | Waldkirch | Germany | www.sick.com

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