Speed Monitor
Optimal safety protection in maintenance mode

SICK
Sensor Intelligence.

Speed Monitor

Product description

The Speed Monitor is a zero-speed drive monitor that protects against dangerous movements by safely monitoring speed. It has different safety drive functions, such as SLS (safety limited speed) and SSM (safe speed monitor). In addition, the MOC3SA offers different operating modes: one mode with two independent proximity sensors, or a mixed mode with oneproximity and one signal output. The Speed Monitor is connectable to all SICK safety controllers.

At a glance

• Zero-speed and drive monitoring
• 4 safe semiconductor outputs
• PL e (EN ISO 13849), SIL3 (IEC 61508), SILCL3 (EN 62061)
• Maximum input frequency of 2 kHz
• Adjustable monitoring limit/monitoring frequency from 0.1 to 9.9 Hz or 0.5 to 99 Hz
• 2 application diagnostic outputs for failure and status display
• Diagnostic LEDs

Your benefits

• Easy commissioning – using only a screwdriver – reduces installation time
• Tool backup using the Flexi Soft Designer and the Flexi Classic Configurator
• Additional HTL encoder evaluation
• Cascading of units is possible

Fields of application

• Use of zero-speed monitoring for access protection (e.g., machines for material processing and palletizing and robotics applications)
• Use of limited-speed safety monitoring in maintenance mode (e.g., machines for material processing, and palletizing and robotics applications)

Ordering information

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

Selectable speed limit	Connection type	Type	Part no.
0.1 Hz … 9.9 Hz	Screw-type terminals	MOC3SA-AAB43D31	6034245
	Spring terminals	MOC3SA-AAB44D31	6034246
0.5 Hz … 99 Hz	Screw-type terminals	MOC3SA-BAB43D31	6034247
	Spring terminals	MOC3SA-BAB44D31	6034248

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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