



Flexi Soft Drive Monitor

Safe movement monitoring in mobile and stationary applications

SICK
Sensor Intelligence.



Product description

The Flexi Soft Drive Monitor monitors the movement, speed, direction and position of machine parts. Thanks to its high-performance logistics functions, it efficiently solves challenging mobile safety applications in the logistics sector. In stationary applications, the Flexi Soft Drive Monitor increases productivity with reliable speed monitoring in setup mode and during tool and work-piece changes. Thanks to the certified drive safety functions in the device, completely stopping the machine is usually not required. The machine is configured using the intuitive configuration software of the Flexi Soft safety controller. This makes it possible to implement innovative machine concepts and continuous production processes.

At a glance

- Safe Motion monitoring module for safe drive monitoring
- Drive safety functions such as SS1, SS2 or SLS
- Variant with safely-limited position (SLP) and safe cam (SCA)
- Encoder interfaces: HTL, TTL, Sin/Cos interface, SSI, HIPERFACE®
- Intuitive configuration software with certified function blocks

Your benefits

- Enables innovative safety concepts due to drive safety functions in line with IEC 61800-5-2
- Optimal combination of countless encoders and safety laser scanners for maximum flexibility
- Efficient use of the working range due to direction- and speed-dependent protective field switching with safety laser scanners
- Easy integration of a wide variety of safety encoders from SICK
- Time-saving engineering; documentation and diagnostics of the Flexi Soft Designer or Safety Designer configuration software
- Fast logic development using predefined, modifiable, freely configurable function blocks and applications

Fields of application

- Safe movement monitoring in machines and systems
- Safe monitoring of automated guided vehicle systems (AGV systems) and automated guided vehicles (AGVs)
- Safe monitoring of multi-axis machines
- Safe monitoring of presses
- Safe monitoring of milling and turning machines
- Safe movement monitoring of gantry robots

Ordering information

Other models and accessories → www.sick.com/Flexi_Soft_Drive_Monitor

- Motion Control modules

Description	Protective coating	Type	Part no.
Safe speed monitoring	–	FX3-MOC000000	1062344
Safe speed monitoring and safe position monitoring	✓	FX3-MOC100010	1112300
	–	FX3-MOC100000	1057833

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