



Stop time measurement

Specification and verification of safety distance

VERIFICATION AND OPTIMIZATION

SICK
Sensor Intelligence.



Product description

Whether a protective device provides sufficient protection against the dangerous movement is determined primarily by the safety distance selected. It must be ensured that the movement comes to a stop before the hazardous point is reached – for the entire service life of the machine. SICK's stop time measurement identifies the machine stopping time. This information provides the basis for specifying the safety distances. Stop time measurement is able to detect changes as a result of brake wear, for example, at an early stage, so that appropriate action can then be taken. Consistent and high test quality can be achieved if measuring instruments are checked at regular intervals.

At a glance

- Performance of stop time measurement
- Calculation of the required safety distance between the hazardous point and the non-physical guard according to EN ISO 13855
- Generation of a report with the measurement results

Your benefits

- Guaranteed measurement quality using calibrated measuring instruments
- Generation of a report with measurement results for the machine documentation
- Hazardous risks caused by non-compliance with the required safety distances can be determined
- High testing quality through certification and periodic inspections in accordance with IEC 17020 is carried out by independent bodies and with on-going competency management

Ordering information

Additional services → www.sick.com/Stop_time_measurement

Product area	Machine life cycle	Range of services	Documentation	Type	Part no.
Industrial Safety	Commissioning, Operation	Per hazardous movement one stop time measurement, Per hazardous movement 10 individual measurements, Calculation of the required minimum distance based on the measured stopping time, The exact number of hazardous movements is determined on site at the machine and invoiced according at time and material cost.	Logging of performed measurements in a test report	Stop time measurement	1681946

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