



Electrical equipment check

Thorough check of protection against electrical hazards

VERIFICATION AND OPTIMIZATION

SICK
Sensor Intelligence.



Product description

Maintenance and mounting work pose a risk of electric shock. Even during normal machine or system operation, the safety of the user must not be put at risk by the electrical equipment. SICK experts check whether the necessary protective measures have been implemented appropriately. Without interfering with the existing wiring, the experts obtain measurements with calibrated measuring instruments.

At a glance

- Determination of the correct function of the protective bonding circuit as per the requirements of IEC 60204-1
- Determination of the contact resistances and leakage currents
- Production of a test record, which also describes any defects
- Production of an inspection report

Your benefits

- Early detection of hazards caused by electric shock to prevent injuries
- Compliance with applicable safety standards increases machine safety
- Safety is determined and corresponding documentation is provided in the inspection report for the machine documentation, which ensures all procedures and regulations are properly applied
- Guaranteed measurement quality using calibrated measuring instruments
- Measurement are obtained without interfering with the existing wiring
- 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
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Ordering information

Additional services → www.sick.com/Electrical_equipment_check

Product area	Type	Part no.
Industrial Safety	Electrical equipment check	1682384

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