



CONVEYOR HOTSPOT DETECTION SYSTEM

MINIMIZE FIRE HAZARDS WHEN TRANSPORTING
FLAMMABLE MATERIALS

Object detection systems

SICK
Sensor Intelligence.

Fires in conveyor systems are not only extremely dangerous and spread quickly, they are also very costly. Many materials transported on conveyor belts are highly flammable. This increases the risk of a fire breaking out.

But damage, material loss, and unwanted downtime can be avoided thanks to early detection of overheated bulk material by the conveyor hotspot detection system.



Boost
work and
production safety



Avoid costs
due to fire damage and
downtime



www.sick.com/Conveyor_Hotspot_Detection_System

The Conveyor Hotspot Detection System expertly deploys thermal imaging cameras to continuously and fully automatically measure the temperature of conveyed goods. If the limit values are exceeded, a signal is sent to the higher-level system to, for example, stop the conveyor belt.



Deploy the system wherever you transport, sort, load or feed flammable bulk material of any kind.

+ Targeted and reliable warnings

- Variable warning thresholds for a wide range of materials with different temperature limits
- Ready for use at all times no matter what the weather due to all-weather infrared technology

+ Ideal for retrofitting existing conveyor systems

- Easy integration into local control system
- Minimal operating and maintenance costs
- Data transmission through TCP/IP interface

For a wide variety of materials

Powdery, granular or lumpy goods, such as coal, rubber, granules, waste, grain, wood, etc.



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