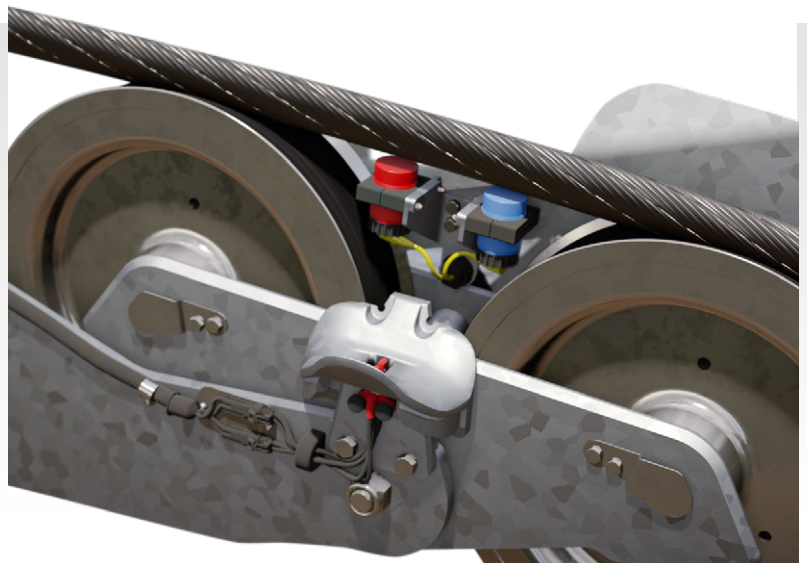


# CPS EVO



The CPS (Cable Position Supervision) system prevents dangerous situations by automatically controlling speed in the event of shifts of the rope in a roller battery.



Enables operating speeds of up to 7 m/s on detachable gondola lifts

Improves the safety of operating and maintenance teams

International experience since the early 2000s

No PLCs at tower heads

Sensor developed with EATON, a world leader in electrical systems

Extremely robust and hardened industrial sensor (resistant to lightning, shocks, vibrations, extreme temperatures, etc.)

SIL3 certification

The CPS system enables proactive, more comprehensive rope monitoring on the roller batteries than conventional safety lines.

By monitoring the rope position closely, it detects an abnormal situation quickly and sends the information directly to the installation's control command, enabling it to be slowed down or stopped.

It anticipates events by detecting them BEFORE they occur, i.e. BEFORE a dangerous situation has arisen or equipment has been damaged.



Product Performance



Use



Safety Performance



Compatible with new and existing ropeways

## FEATURES & BENEFITS



### ► Features and performance

- CPS EVO allows a device to be operated at 7 m/s
- “Too close” function: detects a roller blockage, for example, and automatically slows down the installation
- “Too far” function: detects lateral movement of the rope and, depending on the speed, automatically slows down or stops the installation early to ensure optimum rope guiding in the groove of the rollers

### ► Electrical Architecture

- No PLC at the tower head for a simple, reliable architecture
- Very small electrical box dedicated to the CPS EVO on the tower, or even shared with the main box
- Sensor power supply can be shared with the copper communication line

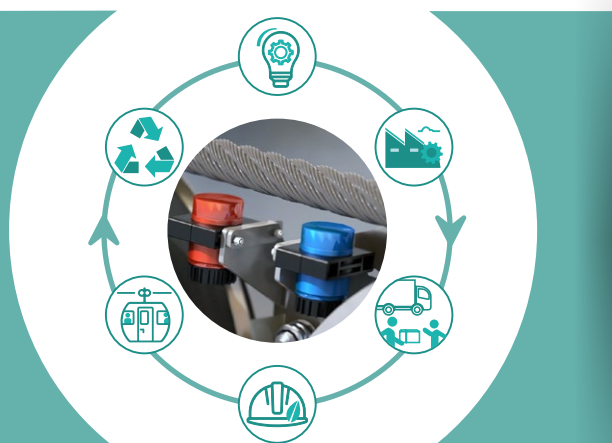
### ► Operation and maintenance

- Reduced maintenance, mainly located in the maintenance room for improved worker safety
- Safer operation of insulated towers

### ► Robustness

CPS EVO sensor developed with EATON, a world leader in electrical systems and a specialist in robust, high-security industrial sensors

## ENVIRONMENT



- The supplier is RoHS certified, which means it is committed to limiting the use of lead and other substances potentially harmful to health and the environment in electrical and electronic products
- Fewer electronic devices at the tower head, which reduces the need for maintenance work
- Power of tower-head units reduced by more than 80% compared with the CPS