

IMAS Conveyor Belts



IMoS-R IMAS Monitoring System

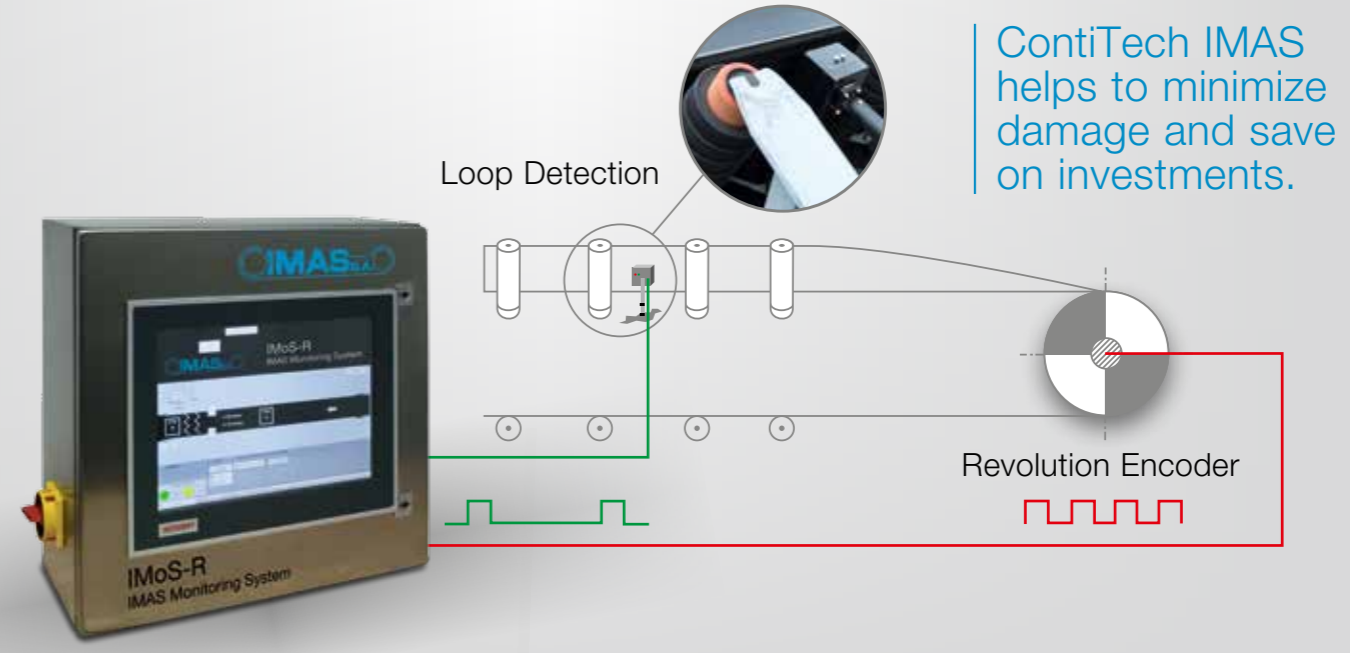
IMAS Monitoring System

Belt Rip Detection



IMAS conveyor belts are being appreciated by our clients around the world, from the US in the west until Australia in the east. Millions of meters of belt providing top performance have proven us to be one of the leading suppliers in our industry.



Our IMoS-R has been developed against the highest quality standards. In its basic version, it is providing our clients with reliable belt rip detection monitoring. The system is analyzing the existence and the status of sensor loops, which have been fitted into the belt. Once the system detects a missing (damaged) sensor loop, it will immediately result in an alarm signal. This signal can then, for instance, be transferred to the PLC for ordering a conveyor stop. This will limit the potential further damage to the belt and the conveyor system in case of a rip.



IMoS-R

Advantages



 Revolution Encoder
 Loop Detection

No detuning of transmitter / receiver unit

- All parameters are tuned online – casing of transmitter / receiver is completely closed
- No electronic parts that show aging effects
- Signal levels can be compared online, to identify mechanical misalignment or predamaged loops

Easy to use – user-friendly and intuitive

- Modern 15" color touchscreen
- User interface for different user groups
- Device can be accessed directly by Contitech IMAS technical support (if desired)
- Teach-in of loops runs automatically

Added Value

- Our System adds value by optionally including additional functions such as belt thickness and belt misalignment measurements.

Technical support

- Our experts can be connected directly to your system and give you advice via internet. Our experts can check in advance whether this is possible in your IT environment.

High quality sensor loops

- System is independent of sensor loop shape or manufacturer. IMoS-R works reliably with all known types of sensor loops. For high quality sensor loops please contact Contitech IMAS for further advice.
- Reliable operation even if sensor loops are missing due to damage or a change in a part of the belt.

Protection of the environment

- All electronic devices are produced lead-free according to the requirements of the RoHS directive.



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