



## Protecting What Matters: Reliable Vision, Powered by Gore

### Case Study: Integration of GORE® PolyVent XS in a Liebherr Camera

#### ? CHALLENGE

- Cameras for mobile machinery must **capture high-quality pictures** while also featuring a **robust design**.
- Such cameras have to **withstand strong vibration, harsh weather conditions, and different altitudes**.
- There is a natural **risk of condensation** that could blur the picture.



**LIEBHERR**

*Together, improving life*

#### 💡 SOLUTION

##### → GORE® PolyVent XS

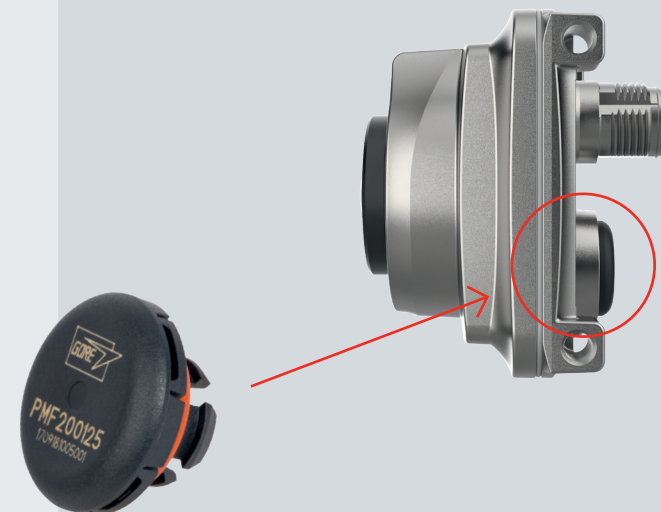
- **Robust Ingress Protection against dust & water** thanks to an innovative vent with IP69k rating, enabling IP6K7 and IP6K9K device protection.
- **Rapid Pressure Equalization** enabling superior seal protection as well as operation at different temperatures and altitudes.
- **Excellent Moisture Management** to minimize condensation inside of lens and on internal electronics to avoid a blurred imagery.
- **Small Form Factor** to fit a compact camera design.

For specifications and more detailed information on installation, please visit [gore.com/heavy-duty](https://gore.com/heavy-duty).

#### ★ CUSTOMER QUOTE

"Gore's membrane reliably prevents condensation and pressure buildup – helping our digital camera MDC4 to deliver clear images even under harsh operating conditions."

**Alexander Bertsch, Head of Industrial Sensors at Liebherr-Electronics and Drives GmbH**



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