Laser Distance Measurement For Industrial Processes





DIMETIX

LASER DISTANCE SENSORS

Exceptional Precision For Industrial

Repeatability

± 0.3 mm

Unmatched Accuracy – Temperature Compensated

±1 mm

For All Distances

0.05 m – 500 m

Up to 100 m on natural surfaces

High Measurement Frequency

250 Hz

For All Temperatures – No Drift

-40 °C / +60 °C

For All Surfaces

Small Laser Spot

For All Environments

IP65

For All Interfaces

Digital / Analogue

For All Environments
Dimetix Laser Sensors measure reliably, even in the most demanding environments.

For Continuous Operation
High measurement frequency, small laser spot and reliable measurement even on natural surfaces.

For Fast Integration
Quick to integrate and flexible in use: Plug-and-play commissioning via all common industrial interfaces ensures maximum system compatibility.



Distance Measurement	Level Measurement
Positioning	Monitoring
Dimensional Measurement	Anti-Collision





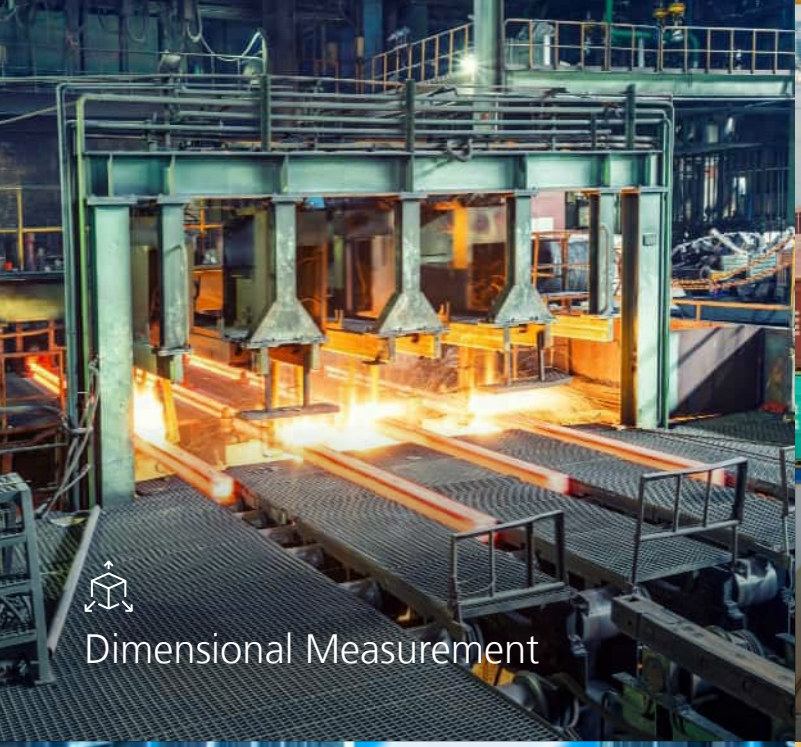


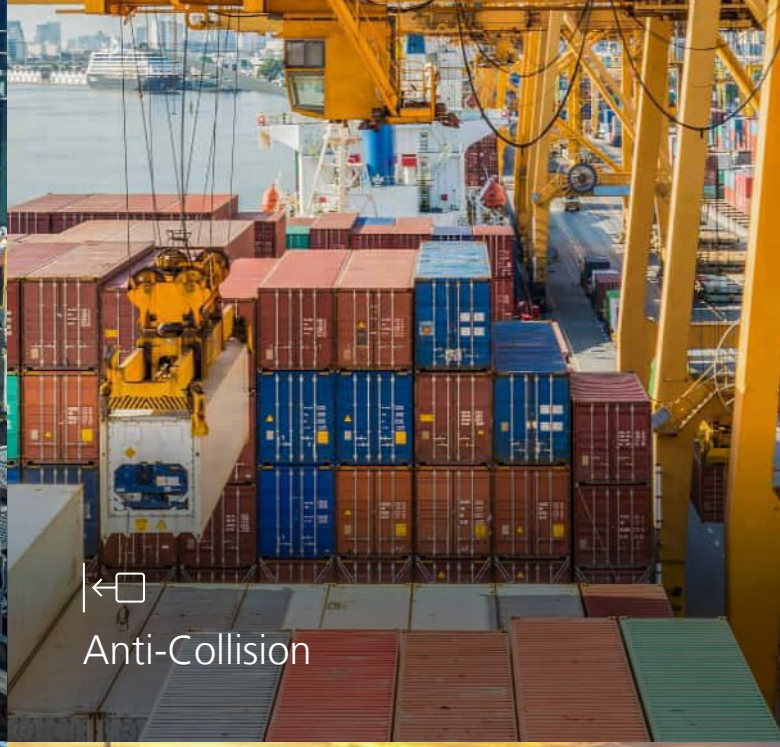
In industrial applications, precise and reliable distance measurement is essential for process safety, efficiency, and system availability. Varying materials, demanding environmental conditions, and dynamic processes place high demands on measurement technology. Stable readings, maintenance-free continuous operation, and easy integration into existing systems are therefore essential.

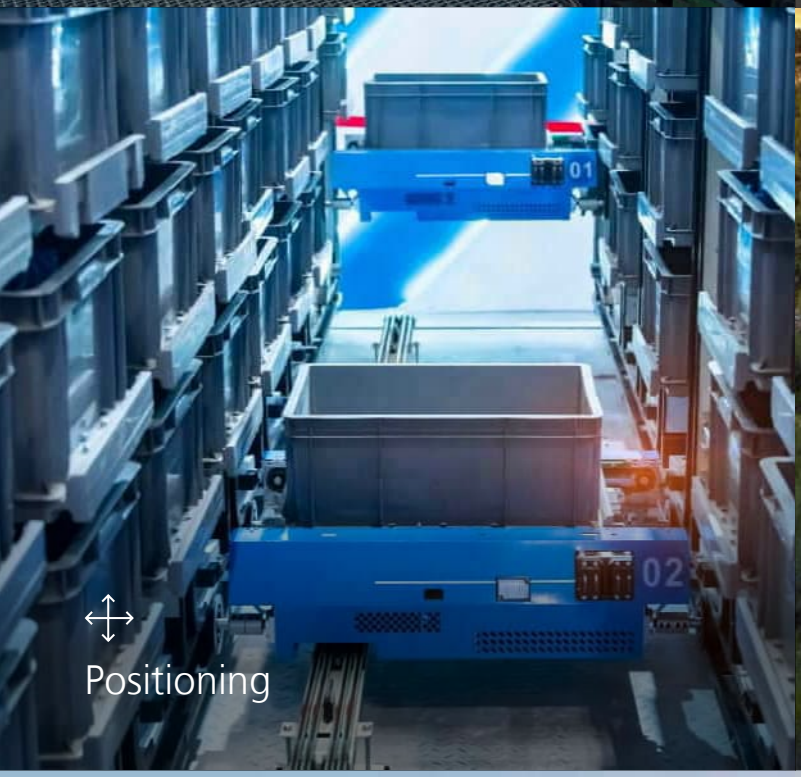
Dimetix Laser Distance Sensors deliver continuous, high-precision measurement data – contact-free, independent of material, and reliable even in harsh industrial environments. With their robust design, high measurement accuracy, and flexible interfaces, they are ideal for a wide range of industrial applications, from process monitoring to automation.

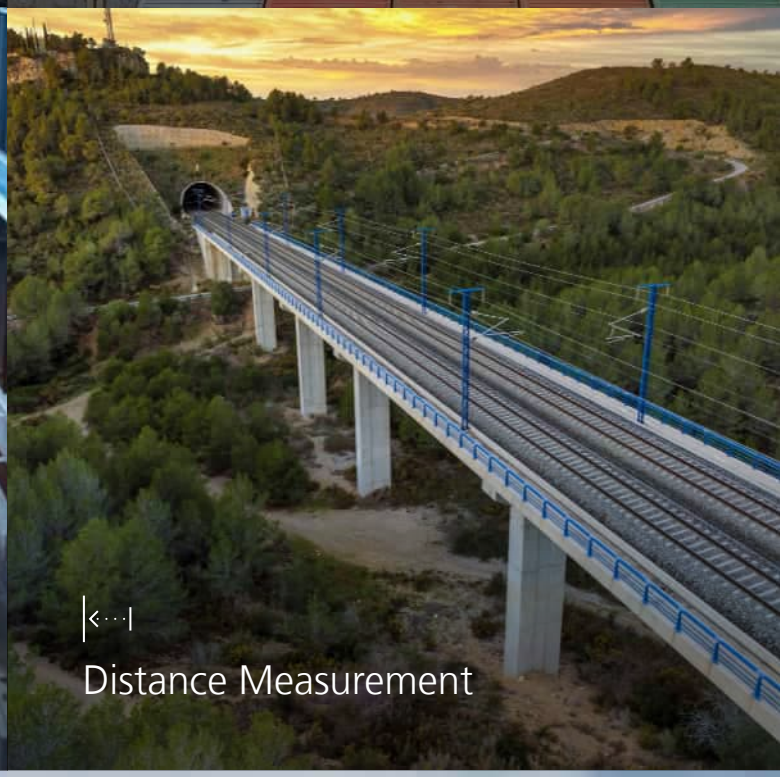
Dimetix Sensors provide precise real-time measurements, help ensure stable and efficient processes, and integrate seamlessly into modern control and supervisory systems.

DIMETIX
LASER DISTANCE SENSORS

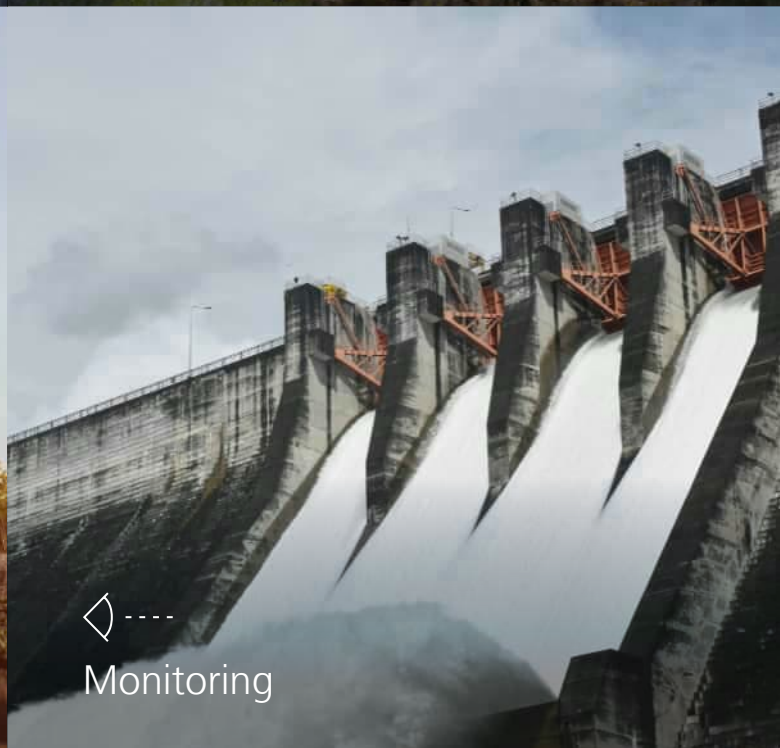

Dimensional Measurement


Anti-Collision


Positioning


Distance Measurement


Level Measurement


Monitoring

Dimetix develops and manufactures Laser Distance Sensors at its site in Herisau, Switzerland. Development, production, and quality assurance are carried out under one roof, ensuring consistent quality and maximum reliability.

Our products embody typically Swiss values: precision, robustness, and long service life. They are built on decades of experience in industrial measurement technology and are consistently designed for real-world applications. At Dimetix, Swiss Made means technically refined, uncompromisingly precise, and engineered for long-term reliability.

Our location at the foot of Mount Säntis reflects what Dimetix stands for: stability, clarity, absolute reliability, and Swiss quality. In a world of increasing complexity, we rely on steadiness and technical substance - values that form the foundation of both our products and our partnerships.



Dimetix AG
Degersheimerstrasse 14
9100 Herisau
Switzerland

Tel + 41 71 353 00 00
info@dimetix.com
www.dimetix.com

SWISS PRECISION