



wintec Sensors with DS Technology.

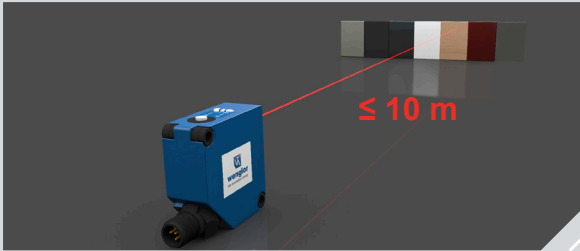
Simple. Fail-safe. Powerful.



Photoelectronic Sensors
Long-Range Laser Distance Sensors

wintec Sensors with DS Technology.

Performance Explained Simply.

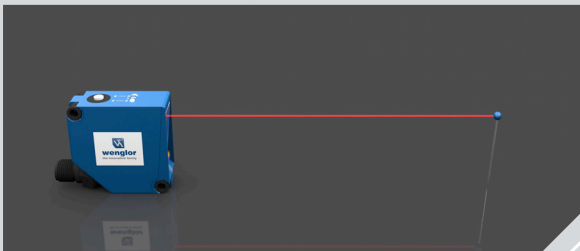
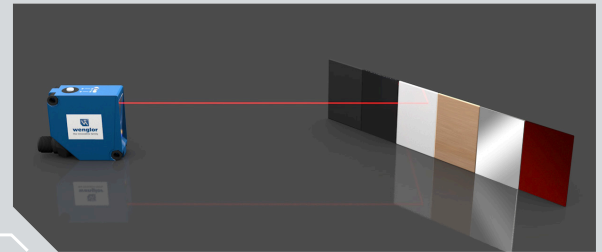


Superior Detection and Reproducibility up to 10 Meters

Various objects with matt, glossy, black to white or transparent surfaces are detected with a reproducibility of **just 3 millimeters** at distances of up to **10 meters**.

Unrivaled Detection at an Angle

The DS technology reliably detects white, black, glossy, matt or reflective objects even from **large angles**.

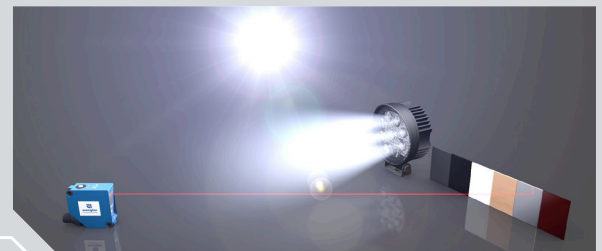


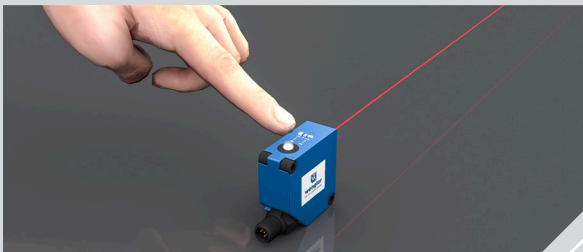
Reliable Detection of the Smallest Parts from Large Distances

Thanks to the fine laser beam, even the **smallest objects** of just a few millimeters in size can be detected from large distances.

Insensitive to Ambient Light of up to 100,000 lux

Sensors with DS technology are immune to interfering ambient light of up to **100,000 lux**. The sensors operate reliably even in sunlight or bright laboratory environments.



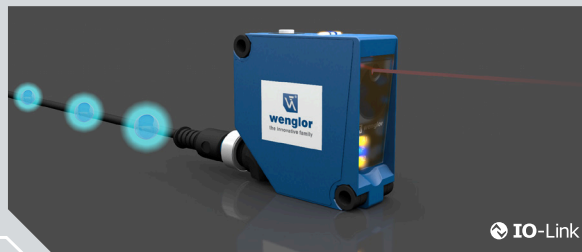


Easy Teaching by Simply Pressing a Button

wintec sensors are configured uniformly and intuitively at the touch of a button. **The illuminated teach key is pressed for 2 or 5 seconds** to teach in the two switching points (digital variants) or to define the analog characteristic curve (analog variants).

Extensive Status Messages

wintec **monitors itself continuously via IO-Link** and outputs this information via numerous status messages. This means that information on temperature or ambient light influences is permanently available. The sensor also detects if its lens is dirty and provides information for preventive maintenance.



IO-Link

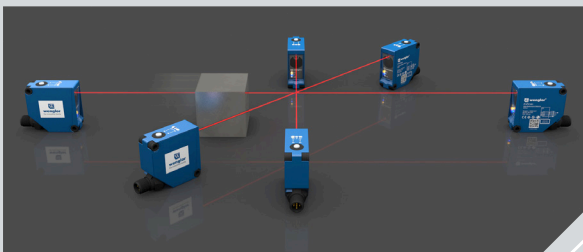
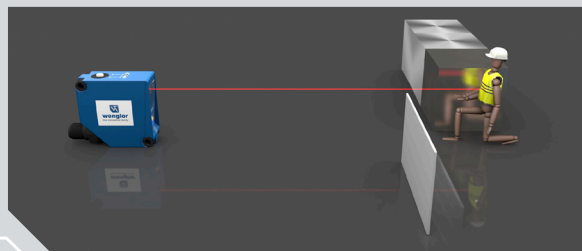


Hiding Interferences

External environmental conditions such as **fog, dust or sawdust** can be **hidden** by DS technology. The sensors are therefore also suitable for outdoor use.

Reflective or Glossy Objects in the Background Can Be Reliably Hidden from View

Reflective or glossy surfaces in the background, such as **high-visibility vests and galvanized or glossy sheets** are hidden by DS technology.



No Mutual Interference

Up to **6 sensors** can be mounted **directly next to each other** or opposite each other without influencing each other or distorting the measurements.

