Detection in dusty, water or oily environment are solved with our wide range of Photoelectric Sensors, Fiber Sensors, Proximity Sensors and etc.

- **Laser Through-beam Photoelectric Sensor Precisely Detects Broken Drills**
  - Long-distance, high-power Laser Photoelectric Sensor ensures minute object detection in dusty or oil-prone environments.

- **Area Beam Fiber Head with Differential Function Amplifier Stably Detects Falling Products**
  - Differential function detects changes in time-dependent light intensity due to falling workpieces.

- **Distance-setting Laser Photoelectric Sensor Detects Work In Dusty Environment**
  - Malfunction prevention function enables light reflected from work pieces are received even under the influence of dust and deposits.

- **Pipe-mounting Capacitive Proximity Sensor Achieves Liquid Level Detection through Pipes**
  - Capacitive Proximity Sensor detects liquid level without influence on the color of the liquid.

- **High Functional ATC Type Digital Fiber Amplifier Precisely Detects Non-woven Fabrics in Dusty Environment**
  - ATC Function enables stable detection by automatically revising the threshold value according to decrease in light intensity brought about by dust accumulation as time passes by.

- **E3Z Preventive Maintenance Series Helps To Maintain Light Intensity Periodically Caused by Dirt On Lens**
  - Intensity of transmitted light is switched to 50% to detect if there is a drop in light intensity. At full intensity, the receiver may still receive a stable signal which becomes unstable at half power, indicating that the lenses need cleaning during the next maintenance period.