

## APPLICATION FOCUS:

# METAL PROCESSING

Offering quality and high-performance sensing products used in a variety of industries  
For more information about sensors for METAL PROCESSING applications, please visit [www.takex.com](http://www.takex.com)

### DETECTION OF THIN OBJECTS

Light Curtain Sensor  
**SSC-T800**

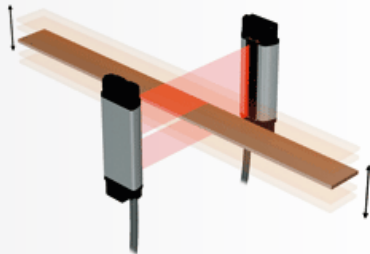
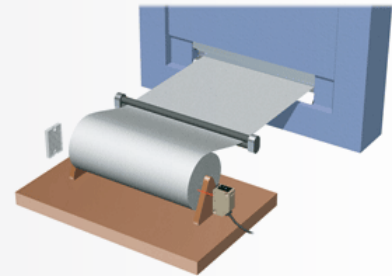


Plate-shaped work passing in arbitrary area is detected by Sequential Array Scanning wide area sensor. Detection is unaffected by plate width.

### DETECTION OF MATERIAL REMAINING

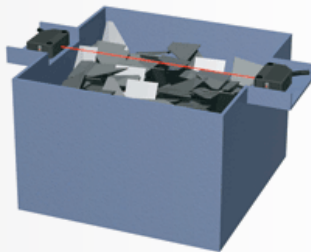
AC/DC Photo Sensor  
**NE-M5RD**



Remaining amount of coiled material is checked to prevent operation without material and also for material joining.

### DETECTION OF OVERFILLING

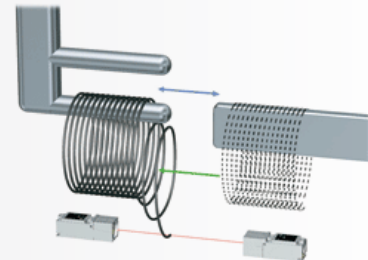
Photoelectric Sensor  
**GT5RSN**



Press cuttings detected as they fill the container. Note: Separate SUS protective covers are available.

### DETECTION OF LOOSE WIRE RODS

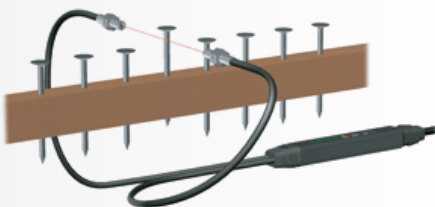
Photoelectric Sensor  
**NT30F-30P3**



Wire hanging from loose wire rod carried by hook conveyor is detected (sensor used in combination with pinhole plates).

### DEFECTIVE TAPING OF NAILS

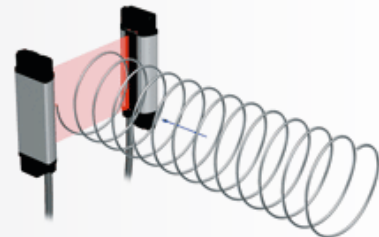
Slim Fiber Sensor  
**F2R SERIES**



Through beam fiber optic sensor used for detecting nails displaced in taping.

### DETECTION OF PASSAGE COILS

Light Curtain Sensor  
**SSC-T800**



Sequential Array Scanning wide area sensor capable of detecting coils, which do not have enough mass to block light.