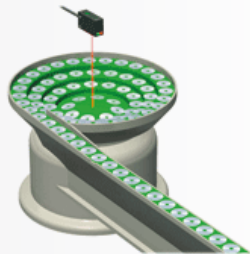


## APPLICATION FOCUS: AUTOMATIC ASSEMBLY

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

### DETECTION OF EXHAUSTED PARTS IN FEEDER

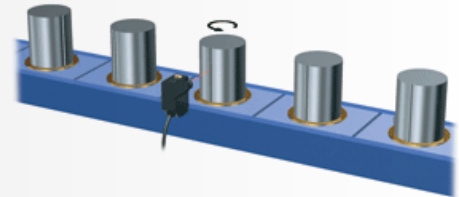
Photoelectric Sensor  
**GSZ5RS**



Parts assumed to have run out when a certain level of light continuously detected for a certain period of time by retro-reflective sensor.

### WELD JOINT DETECTION

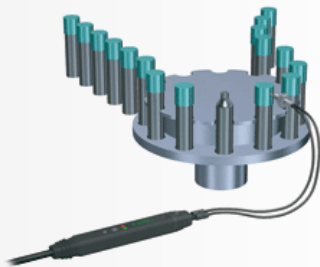
Laser Sensor  
**LD-S20R**



Joint of motor body detected before welding. Variable focus reflective laser sensor allowing optimized adjustment according to distance.

### CHECKING FOR PRESENCE OF CAPS

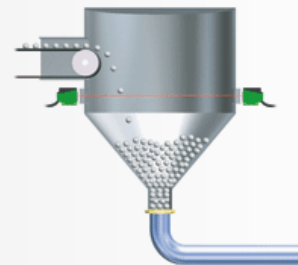
Fiber Optic Sensor  
**F2R FR8EBC**



Presence of caps on works checked by retro-reflective fiber optic cable.

### DETECTION OF MATERIAL INSIDE HOPPER

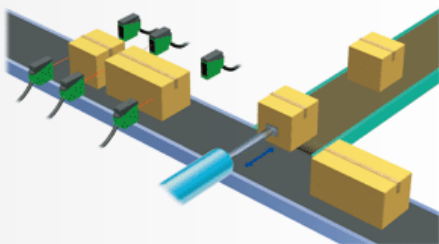
Photoelectric Sensor  
**NA Series**



Detection of level of material inside hopper.

### CLASSIFYING OBJECTS BY LENGTH

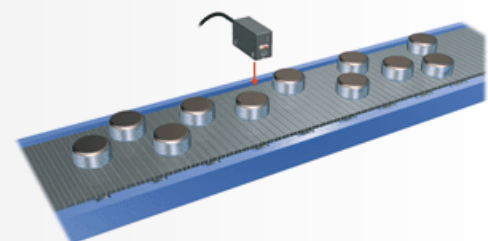
Photoelectric Sensor  
**NA Series**



Several sensors are used to identify the length of carton boxes.

### CHECKING OF PARTS ASSEMBLY

BGS/FGS Sensor  
**DL-S & DLN Series**



The convergent reflective sensor detects objects to be assembled into small parts.