



INSPEKTO
AUTONOMOUS MACHINE VISION

Valve - Outer Rim Integrity Check

Inspection Use Case

Application

Outer rim integrity check

Inspection Objective

Metal valve which will be placed in an injector. Outer rim of the valve should be intact and complete, without any breaks.

Potential Defect Types

Dents, damages

Permitted defects

- Scratches on the surface of the valve.
- Light reflections on the outer rim and some of the areas.

Special inspection challenges

- Round metal object with rotation freedom.
- Light reflection to be ignored.

Production Environment

Inspection triggering method

Automatic

PLC type and protocol

I/O

Production speed

40 ppm

Part Description

Name

Valve

Materials

Metal

Production process

Assembly

Industry

Automotive

Using INSPEKTO S70

