



INSPEKTO
AUTONOMOUS MACHINE VISION

Valves Pallet - Presence / Absence / Positioning

Inspection Use Case

Application

Presence / Absence / Positioning

Inspection Objective

Ensure the existence and correct positioning of sub-components (injector valves) before robotic pickup for automatic assembly in the injector body.

Potential Defect Types

- Absence of sub-component / missing part
- Wrong positioning - orientation, location

Special Inspection Challenges

72 sub-components in 1 shot, each of them can have a different defect type.

Production Environment

Line handling method

Conveyor belt

Production speed

40 ppm

Part Description

Name

Valves Pallet

Materials

Metal, Plastic

Production process

Automatic robot pick-up for Assembly

Industry

Automotive

Using INSPEKTO S70

