



INSPEKTO
AUTONOMOUS MACHINE VISION

Plug Pins and Plastic Injection Inspection

Inspection Use Case

Application

Inspect for existing/bent pins and deformations in the plastic injection.

Inspection Objective and Potential Defect Description

During assembly the pins of the connector may bent and this will damage part's functionality. Deformation in the plastic injection will cause a loose connection which will lead to disconnection of the plug.

Special Inspection Challenges

Part is very small

Production Environment

Line handling method

Conveyor belt

Inspection triggering method

Automatic

PLC type and protocol

I/O

Production speed

2 ppm



Part Description

Name

Plug

Materials

Metal, Plastic

Production process

Assembly, Plastic injection

Industry

Automotive

Using INSPEKTO S70

