



INSPEKTO
AUTONOMOUS MACHINE VISION

Plastic Connector - Injection Molding Check

Inspection Use Case

Application

Plastic injection molding inspection.

Inspection objective and potential defect description

1. detect missing pins
2. detect bent pins
3. detect pins with excess plastic

Permitted defects

1. Dust specks are visible at large zoom
2. Pin head roundness can be slightly different

Special inspection challenges

Mold changes over time.

Production Environment

Line handling method

Conveyor belt

Inspection triggering method

Automatic

PLC type and protocol

Profinet

Production speed

60 ppm



Part Description

Name

Plastic connectors

Materials

Plastic

Production process

Injection Molding

Industry

Automotive

Using INSPEKTO S70

