

Providing us with the following information you will help us, so we can consult you optimally about how to solve your image processing task.

Please return the filled in form, best in the form of an e-mail attachment (or by post or Fax).

If you have any questions, our experienced team of experts is at your disposal.

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## 1. Company Data

Company Name  
Contact Person / Department  
Street  
P.O. Box  
Postcode / City  
Phone  
Fax  
E-mail  
Date

## 2. Task Description

**Project Name**

**Brief Description**

Miscellaneous

**Place of Installation**

Production Line

Laboratory

**Type of Inspection**

100% Inspection

Random Sampling Inspektion

### 3. Scope of Services

- Image processing software and components, no engineering Camera
- system incl. engineering, no handling of parts
- Camera mountings and illumination
- Screening against extraneous light and housing
- Complete inspection system incl. handling of parts
- Other:

### 4. Inspection Conditions

Machine cycles	parts / minute
Number of tracks	tracks
Track pitch	mm
Max. inspection duration	seconds / part

#### Object Feed Timeline

Object can...

- be stopped                      idle time                      s
- not be stopped                      velocity                      cm / s

#### Object Feed

- isolated                       in groups
- overlapping                       tangent

#### Positioning

- always equally positioned                       not positioned

#### Accuracy of Positioning

horizontal:	+	mm	-	mm
vertical:	+	mm	-	mm
Angle:	+	°	-	°

## 5. Parameter of Test Piece

Test Piece Identifier	Task	Station No.

### Product Drawing

enclosed

not enclosed

### Number of Variant Parts

### Object Size

Smallest Object

Biggest Object

Diameter:

mm

mm

Width:

mm

mm

Length:

mm

mm

Detail Size:

mm

mm

Tolerances:

mm

mm

### Object Surface

glossy

matt

plain

rough

textured

painted

printed

### Checking Details

glossy

matt

plain

rough

textured

painted

printed

### Object Colour

light

dark

unicoloured,

multicoloured

colour:

**Object Background Colour**

Colour:  arbitrary

**Object Material**

Plastic  Metal  
 Intransparent  Transparent  Translucent  
 Other:

**Object Impurity**

none  Dust  Washing water  
 Oil  Swarf  
 Other:

**Original Sample**

enclosed „OK samples" pieces „NOK samples" pieces  
 will be sent  not available

**6. Environmental Conditions**

**Lighting Cond.:**

Other:

Screening against extraneous light  possible  not possible  
Impurities  existent  weak  strong  
Vibrations  not existent  weak  strong  
Thermal fluctuation  not existent  existent  
from to °C  
Humidity fluctuation  not existent  existent  
from to %  
Voltage peaks  not existent  existent

## 7. System Requirements

### Evaluations System

- |  |   |
|--|---|
| <input type="checkbox"/> 19" Industrial PC     | <input type="checkbox"/> Panel-PC       |
| <input type="checkbox"/> Compact PC (Powerbox) | <input type="checkbox"/> PC is provided |
| <input type="checkbox"/> Other:                |   |

### Requirement for Protection Category

- |   |  |
|---|--|
| <input type="checkbox"/> Evaluation system        | IP category:                                     |
| <input type="checkbox"/> Camera                   | IP category:                                     |
| <input type="checkbox"/> Illumination             | IP category:                                     |
| <input type="checkbox"/> Standard control cabinet | <input type="checkbox"/> Stainless steel housing |
| <input type="checkbox"/> Not applicable           |  |

### Data Interfaces

- |   |                                      |
|---|--------------------------------------|
| <input type="checkbox"/> Digital I/O        | <input type="checkbox"/> Fieldbus    |
| <input type="checkbox"/> Serial Data Output | <input type="checkbox"/> File Output |
| <input type="checkbox"/> TCP / IP           | <input type="checkbox"/> OPC         |
| <input type="checkbox"/> Other:             |                                      |

### Output Data Type

- |   |   |
|---|---|
| <input type="checkbox"/> OK and NOK messages      | <input type="checkbox"/> Output of measurement values |
| <input type="checkbox"/> Connection to PDA system | <input type="checkbox"/> 21 CFR part 11 Conformity    |
| <input type="checkbox"/> Other:                   |   |

### Remote Maintenance

- |   |                               |  |
|---|-------------------------------|--|
| <input type="checkbox"/> Analogue modem | <input type="checkbox"/> ISDN | <input type="checkbox"/> Internet, VPN |
| <input type="checkbox"/> not wanted     |                               |  |

## 8. Documentation

### Language

- German  
 English

### Type of Documentation

- Standard Documentation  
 Customer-specific Dokumentation  
 Qualification Documentation  
 Other:

## 9. Business Environment

### Experience in Image Processing

- none  
 Image processing is applied

- little  
System since

### Image Processing will be used

- as single measuring station  
 combined with other systems

Intended number: pieces

Intended date of purchase:

Intended date of commissioning:

### Acquisition Costs

- no idea  
 Budget: