

INFORMATION CUSTOMER SETUP

Contact Person for Technology / Project Management

✓ Name: _____
Phone: _____
E-mail: _____

✓ = Required information so that we can create a suitable offer for you

Contact Person for PLC Programming / Plant Manufacturing

Name: _____
Phone: _____
E-mail: _____

Customer Plant / Line

What is the internal line designation? _____
How many lines are planned in total? _____
How many laser sources relevant for process monitoring are used on the line? _____
How many laser optics are used in the line? _____
Is a control or rework station planned on the line? yes no

Customer Product

✓ What is the application? _____
✓ What is the laser process?
 welding
 welding with filler wire
 cutting
 structuring
 ablation
 cleaning
 brazing
 other: _____
✓ If it is a welding process: What types of welding are welded in the process (e.g. butt weld / fillet weld / overlap weld / etc.)? _____
Is a part drawing available? yes no
✓ What materials are processed in the laser process? _____

In how many places is the workpiece processed with the laser (e.g. number of welds)?

Is the laser process sequence available?

yes no

Are several products or variants manufactured on the line?

yes no

Laser

✓ Which laser do you use?
Please specify the exact designation.

✓ If laser already present, what is the serial number of the laser?

Do you plan to operate several optics simultaneously or consecutively on this laser?

simultaneously
 time-shared
 no

✓ If you are using an IPG laser: Is a beam switch built into your laser?

yes
 no
 don't know

✓ If you are using a Trumpf laser: Is the 4D sensor adapter already installed in your laser?

yes
 no
 don't know

Optics

✓ Which optics do you use?
Please specify the exact designation.

Does the optics have a camera port?

free
 occupied
 no

✓ Is a CAD model of the optics available?

yes no

✓ If optics already present, what is the serial number of the optics?

Pre-commissioning

- Where is the pre-commissioning to take place (e.g. at the plant builder or at the final installation site)?

- When is the pre-commissioning to take place?

- Who is the contact person for pre-commissioning?

Company: _____

Person: _____

Phone: _____

E-mail: _____

Final commissioning

- Where is the final commissioning to take place (e.g. at the plant builder or at the final installation site)??

- When is the final commissioning to take place?

- Who is the contact person for final commissioning?

Company: _____

Person: _____

Phone: _____

E-mail: _____

PROCESS MONITORING SYSTEM

SETUP REQUIREMENTS

PLC Communication

- Which bus system is the line/cell expected to work with?
- CC-Link
 - DeviceNet
 - EtherCAT
 - EtherNet/IP
 - PROFIBUS
 - PROFINET

Do you have any other comments about the PLC communication?

SYSTEM AND PERIPHERALS

- What line voltage is used to operate the IPC of the Process monitoring system on the line? 230V 115V
- Which preset system language (Windows) at delivery would you like? German English

Do you want to connect the IPC to your network? If yes, more than one? How many? _____

Would you like monitor, keyboard and mouse? yes no

Do you need a complete solution? (PC enclosure with cooling unit to safely house the IPC of the Process monitoring system, monitor, keyboard, mouse and UPS) yes no

Would you like the PC enclosure to be prepared for further IPCs in the Process monitoring system? yes no

Are you planning further processing of the Process monitoring system data? yes no

QUESTIONS AND REQUESTS

Do you have any further questions about process monitoring?