Questionnaire for radiation pyrometers

For a customized quotation please fill out this form.
Your information will help us recommend the best solution for your application.

Client Address

Company _____ Department _____ Web _____

P.O. Box _____ Street _____

City Code _____ City _____ Country _____

Contact Person _____ Tel. _____ E-mail _____

Industry _____

Application

Description of the measurement (Please attach pictures or drawings if possible).

Measuring point _____

Target object

Material _____

Description of surface (rough, oxidized, etc.) _____

Temperature range of target from _____ to _____ °C

Target size of the object _____ mm

Distance between pyrometer and target _____ mm

Is the object moving? ☐ Yes ☐ No Speed _____

Is the object permanent presented? ☐ Yes ☐ No

What measurement technique is employed up to now? ☐ none ☐ Thermocouple ☐ Pyrometer ☐ others _____

Ambient conditions

Is the object inside a furnace? ☐ Yes ☐ No Ambient temperature _____ °C

Is the object visible through a window? ☐ Yes ☐ No

Diameter of sighting window _____ mm

Material of sighting window _____

Heat source ☐ Flame ☐ Air ☐ Laser ☐ Inductive
☐ Plasma ☐ Electricity ☐ others _____

Details of the surrounding environment atmosphere ☐ Vapor ☐ Steam ☐ Dust ☐ Explosive atmosphere (Eex)
☐ Vacuum _____ ☐ Pressure _____

Specification of the instrument

Type of pyrometer ☐ portable ☐ stationary

Sighting device ☐ none ☐ Through-the-lens ☐ Laser spot light ☐ Video camera

Output signal ☐ 0/4-20 mA ☐ Switching output

Digital interface ☐ RS 485 ☐ USB ☐ Profibus ☐ IO-Link
☐ other _____

Signal processing

Should the measured values be recorded? ☐ Yes ☐ No

Is a central data recording existing? ☐ Yes ☐ No

Additional details or description

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