

Application checklist for Stange-O2-Sensor

Contact

Name	<input type="text"/>	Mail	<input type="text"/>
Company	<input type="text"/>	Phone	<input type="text"/>
Address	<input type="text"/>	Fax	<input type="text"/>

Place of use

Country	<input type="text"/>	Town	<input type="text"/>
---------	----------------------	------	----------------------

Description of the application

- Nitriding
- Oxinitration
- Nitrocarburizing
- Preoxidation
- Post-oxidation
- Salt bath monitoring
- Carburizing
- Plasma
- Vacuum
- other:

Measuring gas components from / to [%]

- O₂
- N₂
- Ar
- He
- CO
- CO₂
- CH₄
- C₃H₈
- C₄H₁₀
- H₂
- NH₃
- Air
- Halogens
- Corrosive
- Organic
- Steam
- other:

Flow rate [m³/h]

- none
- from / to:
- at wide of the tube:

Distance from flange to recipient [mm]

- up to 100
- more:

Installation

- horizontal, >2° tilt, flange downward
- vertical, flange downward
- other:

Requirements to the measurement

- Monitoring of a limit value (mV)
- Measurement (mV)
- Standard accuracy 3% from range
- Standard reaction time 2 minutes

Safety requirements

- none
- yes, which?

Explosion protection

- none
- yes, zone?

Dust [g/cm³]

- none
- from / to:

Pressure [mbar absolute]

- atmospheric
- from / to:

Ambient temperature 0 to 45°C

- yes
- no, range:

Humidity max 80% at 20°C

- yes
- no, range:

Protection

- IP 20
- other:

Temperature in the recipient [°C]

- same as ambient temperature
- from / to:

Mechanical stress

- none
- yes, which:

Reduction of measuring gas input DN 40

- no
- yes, smallest DN [mm]:

Evaluation electronics

- Analogue input PLC
- Recorder Display indication
- Measuring instrument
- other:

Please note the operating conditions beyond this checklist and the technical data, described in the manual for the O2 sensor!

Please send the completed checklist to:

Mail: AWolfram@stange-elektronik.de

Fax: +49 (0) 36202 - 7509-91