smart GasDetection Technologies
GfG Instrumentation

1194 Oak Valley Drive, Suite 20, Ann Arbor, Michigan 48108 USA
800-959-0329 • 734-769-0573 • 734-769-1888 fax

FIXED SYSTEMS APPLICATION QUESTIONNAIRE

Company: _____

Name and title: _____

Phone: _____

E-mail: _____

Address: _____

City/State/Zip: _____

Date: _____

Salesperson: _____

The information requested on this survey is for GfG Project Engineers.
Exact specifications will help insure proper equipment for your application.

APPLICATION DATA

Describe your application: _____

_____

Is the area considered ☐ Hazardous/Classified ☐ General purpose

Is the area currently being monitored? ☐ No ☐ Yes, list technology: _____

TRANSMITTERS

Output ☐ 4-20 mA ☐ Modbus ☐ Two wire ☐ Three wire ☐ Other: _____

Gas detecting ☐ CO ☐ NH_3 ☐ O_2 ☐ CH_4 ☐ Other: _____

Calibration gas ☐ Standard ☐ Special _____

Range required: _____ to _____ ☐ PPM ☐ %LEL ☐ %volume ☐ ___

Temperature range: _____ to _____ ☐ ^{0}F ☐ ^{0}C Humidity: _____%

Possible background gases / sensor poisons ☐ No ☐ Yes, please list: _____

Climate ☐ Indoor ☐ Outdoor

Voltage input: _____ VDC

Interfacing with PLC? ☐ No ☐ Yes, load: _____ ohms

Display required? ☐ No ☐ Yes

Modifications: (explain) _____

_____

_____

_____

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CONTROLLERS

Number of channels required: _____

Current input ☐ 4-20 mA ☐ .2-1 mA ☐ Modbus ☐ N/A

Wiring available DC: _____ AC: _____

Casing

Rating ☐ IP rated ☐ NEMA _____

Location ☐ Indoor ☐ Outdoor

Output ☐ 4-20 mA ☐ Modbus ☐ Two wire ☐ Three wire ☐ Other: _____

Relays

Relays being used ☐ No ☐ Inductive load Current required:_____amp

☐ Normally open ☐ Normally closed

Number of relays required:_____

Remote display required? ☐ No ☐ Yes

Interfacing with: ☐ Plant PLC ☐ Network, what interface is required? _____

☐ Other: _____

Alarms

Alarm 1 (latching) ☐ Yes: _____ Threshold ☐ Ascending ☐ Descending

Alarm 2 (latching) ☐ Yes: _____ Threshold ☐ Ascending ☐ Descending

Alarm 3 (latching) ☐ Yes: _____ Threshold ☐ Ascending ☐ Descending

Gas detecting ☐ CO ☐ NH_3 ☐ O_2 ☐ CH_4 ☐ Other: _____

Temperature range: _____ to_____ ☐ ^0F ☐ ^0C Humidity: _____%

Voltage input: _____ VDC

Any special considerations? _____

_____

_____

_____

_____

_____

_____

_____