

# 816A

## APPLICATION QUESTIONNAIRE

### SFD-2 Microwave Solids Flow Detector

### SFI Microwave Solids Flow Indicator

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Company: \_\_\_\_\_ Job Title: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Address: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Industry of End User: \_\_\_\_\_ E-mail: \_\_\_\_\_

#### Application Requirement:

- Flow Detection (Flow/No Flow) with Relay Contact Output  
 Flow Indication (Mass Flow Concentration) with Analog Output

**Material:** (Trade and/or Scientific Name) \_\_\_\_\_

Bulk Density: \_\_\_\_\_

**Temperature:**

**Moisture:**

Particle Size: \_\_\_\_\_

Min: \_\_\_\_\_

Min: \_\_\_\_\_ %

- Abrasive     Corrosive

Max: \_\_\_\_\_

Max: \_\_\_\_\_ %

- Coats Wall or Probe

Normal: \_\_\_\_\_

Normal: \_\_\_\_\_ %

#### Pipe/Chute:

#### Internal Pressure:

Material: \_\_\_\_\_

Min: \_\_\_\_\_ psig

Diameter/Shape: \_\_\_\_\_

Max: \_\_\_\_\_ psig

Air Velocity: \_\_\_\_\_

Normal: \_\_\_\_\_ psig

#### Environment: (Check One)

Hazardous Location Approvals Required:

- Indoors     Outdoors

\_\_\_\_\_

#### Application:

Process Description: \_\_\_\_\_

- Gravity Fed     Pneumatically Conveyed

Indicate Specifics of Requirement: \_\_\_\_\_

Typical Flow Rate in lbs per Hour: \_\_\_\_\_

Output Will Control: \_\_\_\_\_

Please use a separate sheet for additional comments and any necessary sketches.

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