Interface Detector (ID-200) Series Application Data Sheet

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<td>Revised by Roslyn M. to update datasheets. Revised by Dianna Reed-Ilori to update properties and other information.</td>
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Technical Reviewer  
Gary Fransen  
April 24, 2018

Reviewer Name  
Rafael Carbajal  
April 24, 2018

Approved for Issue  
Illenny Guevara  
April 24, 2018
# Interface Detector (ID-200) Series Application Data Sheet

**Prepared By** ____________________  **Company** ____________________  **Date** ____________________

**Phone #** ____________________  **Email** ____________________

**End User** ____________________  **Final Destination** ____________________

**Quantity** ____________________  **Tag Information** ____________________

**Required Information:** Dimensional drawing/sketch and P&ID

## Specifications

### Application
- Interface Control:  
  - [ ] On/Off  
  - [ ] Continuous  
  - [ ] Emulsion Control  
  - [ ] Foam Control  
  - [ ] High / Low Alarm  
  - [ ] Other (Specify): _____  

### Process Temperature
- [ ] 32°F to 300°F (0°C to 148°C)  
- [ ] 32°F to 450°F (0°C to 232°C)  
- [ ] Other (Specify): _____

### Type of Antenna
- [ ] 1 ¾” Standard  
- [ ] 7” Coated  
- [ ] 14” Coated  
- [ ] Guard  
- [ ] Disc  
- [ ] Other (Specify): _____

### Probe Material
- [ ] 316L SS  
- [ ] Duplex 2205  
- [ ] Super Duplex 2507  
- [ ] Hastelloy (C276)  
- [ ] Monel 400  
- [ ] Other (Specify): _____

### Pressure Rating
- [ ] ANSI 150#  
- [ ] ANSI 300#  
- [ ] ANSI 600#  
- [ ] Other (Specify): _____

### Type of Hydrocarbon/Organic
- Specify: _____

### Type of Water / Aqueous Phase
- [ ] Process Water  
- [ ] Steam Condensate / Distilled / Rain Water  
- [ ] Other (Specify): _____

### Ambient Temperature
- [ ] 32°F to 122°F (0°C to 50°C)  
- [ ] -4°F to 122°F (-20°C to 50°C)  
- [ ] Other (Specify): _____

### Process Connection
- [ ] Seal Housing  
- [ ] Flange welded to probe shaft  
- [ ] U-Cup holder  
- [ ] U-Cup holder welded to flange  
- [ ] U-Cup holder threaded to flange  
- [ ] Compression Fitting welded to flange  
- [ ] Other (Specify): _____

### Seal Housing / Flange Material
- [ ] 316L SS  
- [ ] Carbon Steel  
- [ ] Duplex 2205  
- [ ] Super Duplex 2507  
- [ ] Hastelloy (C276)  
- [ ] Monel 400  
- [ ] Other (Specify): _____

### Connection Type (NPT or Flange)
- [ ] NPT  
- [ ] RF (Flange)  
- [ ] RTJ (Flange)  
- [ ] Other (Specify): _____
Output Options

- 4-20 mA
- Relay*
- Local Indicating Lights*
- Digital Display
- Other (Specify): _____
* Option not available for 2-Wire

Connection Size

- 2"
- 3"
- 4"
- Other (Specify): _____

Minimum inside diameter of nozzle and isolation valve 1.8"

Nozzle Schedule

- Sch 40
- Sch 80
- Sch 160 or above

Enclosure

- Aluminum
- 316L SS
- Other (Specify): _____
- IP-66 Standard

Safe Areas

- Fiberglass
- Other (Specify): _____
- Backplate (no enclosure)

Power Supply

- 24 VDC – 4 Wire System (Not loop powered)
- 120 VAC
- 220 VAC
- 24 VDC Loop Powered (2-Wire System) HART
- Other (Specify): _____

Electrical Entries

- ¾” NPT Standard
- Other (Specify): _____
- Optional Adapters
- ¾” NPT X ½” NPT
- ¾” NPT X M20
- ¾” NPT X M25
- Other (Specify): _____

Electrical Certifications

- CSA-US
- ATEX
- GOST
- Other (Specify): _____

Process Service

- Sour Service
- Other (Specify): _____

Probe Information

- Probe length “A” Inside Vessel
- Nozzle length “B”
- Isolation valve Flange to Flange “C”
- Refer to diagram below.

REQUIRED: P&ID and Installation drawing for ALL formal quotes