



## Interface Detector (ID-200) Series Application Data Sheet

### Table of Revisions

Date	Revision	Version	ER Number	Description of Changes
December 21, 2010	00		5579	Initial Issue created by Tracy Parker, previously F0128.
April 24, 2018	01		DCR18-0003	Revised by Roslyn M. to update datasheets. Revised by Dianna Reed-Ilori to update properties and other information.

<b>Technical Reviewer</b>	Gary Fransen	April 24, 2018
<b>Reviewer Name</b>	Rafael Carbajal	April 24, 2018
<b>Approved for Issue</b>	Ilenny 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

<b>Application</b>
Interface Control: <input type="checkbox"/> On/Off <input type="checkbox"/> Continuous <input type="checkbox"/> Emulsion Control <input type="checkbox"/> Foam Control <input type="checkbox"/> High / Low Alarm <input type="checkbox"/> Other (Specify): _____
<b>Process Temperature</b>
<input type="checkbox"/> 32°F to 300°F (0°C to 148°C) <input type="checkbox"/> 32°F to 450°F (0°C to 232°C) <input type="checkbox"/> Other (Specify): _____
<b>Type of Antenna</b>
<input type="checkbox"/> 1 3/4" Standard <input type="checkbox"/> 7" Coated <input type="checkbox"/> 14" Coated <input type="checkbox"/> Guard <input type="checkbox"/> Disc <input type="checkbox"/> Other (Specify): _____
<b>Probe Material</b>
<input type="checkbox"/> 316L SS <input type="checkbox"/> Duplex 2205 <input type="checkbox"/> Super Duplex 2507 <input type="checkbox"/> Hastelloy (C276) <input type="checkbox"/> Monel 400 <input type="checkbox"/> Other (Specify): _____
<b>Pressure Rating</b>
<input type="checkbox"/> ANSI 150# <input type="checkbox"/> ANSI 300# <input type="checkbox"/> ANSI 600# <input type="checkbox"/> Other (Specify): _____

<b>Type of Hydrocarbon/Organic</b>
Specify: _____
<b>Type of Water / Aqueous Phase</b>
<input type="checkbox"/> Process Water <input type="checkbox"/> Steam Condensate / Distilled / Rain Water <input type="checkbox"/> Other (Specify): _____
<b>Ambient Temperature</b>
<input type="checkbox"/> 32°F to 122°F (0°C to 50°C) <input type="checkbox"/> -4°F to 122°F (-20°C to 50°C) <input type="checkbox"/> Other (Specify): _____
<b>Process Connection</b>
<input type="checkbox"/> Seal Housing <input type="checkbox"/> Flange welded to probe shaft <input type="checkbox"/> U-Cup holder <input type="checkbox"/> U-Cup holder welded to flange <input type="checkbox"/> U-Cup holder threaded to flange <input type="checkbox"/> Compression Fitting welded to flange <input type="checkbox"/> Other (Specify): _____
<b>Seal Housing / Flange Material</b>
<input type="checkbox"/> 316L SS <input type="checkbox"/> Carbon Steel <input type="checkbox"/> Duplex 2205 <input type="checkbox"/> Super Duplex 2507 <input type="checkbox"/> Hastelloy (C276) <input type="checkbox"/> Monel 400 <input type="checkbox"/> Other (Specify): _____
<b>Connection Type (NPT or Flange)</b>
<input type="checkbox"/> NPT <input type="checkbox"/> RF (Flange) <input type="checkbox"/> RTJ (Flange) <input type="checkbox"/> Other (Specify): _____



Output Options	
<input type="checkbox"/>	4-20 mA
<input type="checkbox"/>	Relay*
<input type="checkbox"/>	Local Indicating Lights*
<input type="checkbox"/>	Digital Display
<input type="checkbox"/>	Other (Specify): _____
* Option not available for 2-Wire	
Power Supply	
<input type="checkbox"/>	24 VDC – 4 Wire System (Not loop powered)
<input type="checkbox"/>	120 VAC
<input type="checkbox"/>	220 VAC
<input type="checkbox"/>	24 VDC Loop Powered (2-Wire System) HART
<input type="checkbox"/>	Other (Specify): _____
Probe Information	
Probe length "A" Inside Vessel	_____
Nozzle length "B"	_____
Isolation valve Flange to Flange "C"	_____
Refer to diagram below.	
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Connection Size	Nozzle Schedule
<input type="checkbox"/> 2"	<input type="checkbox"/> Sch 40
<input type="checkbox"/> 3"	<input type="checkbox"/> Sch 80
<input type="checkbox"/> 4"	<input type="checkbox"/> Sch 160 or above
<input type="checkbox"/> Other (Specify): _____	
Minimum inside diameter of nozzle and isolation valve 1.8"	
Enclosure	
<b>Hazardous Areas</b> <input type="checkbox"/> Aluminum <input type="checkbox"/> 316L SS <input type="checkbox"/> Other (Specify): _____ IP-66 Standard	<b>Safe Areas</b> <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other (Specify): _____ <input type="checkbox"/> Backplate (no enclosure)
Electrical Entries	
<input type="checkbox"/> ¾" NPT Standard Optional Adapters <input type="checkbox"/> ¾" NPT X ½" NPT <input type="checkbox"/> ¾" NPT X M20 <input type="checkbox"/> ¾" NPT X M25 <input type="checkbox"/> Other (Specify): _____	
Electrical Certifications	
<input type="checkbox"/> CSA-US <input type="checkbox"/> ATEX <input type="checkbox"/> GOST <input type="checkbox"/> Other (Specify): _____	
Process Service	
<input type="checkbox"/> Sour Service <input type="checkbox"/> Other (Specify): _____	

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