## Table of Revisions

<table>
<thead>
<tr>
<th>Date</th>
<th>Revision</th>
<th>Version</th>
<th>DCR Number</th>
<th>Description of Changes</th>
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<tr>
<td>December 21, 2010</td>
<td>00</td>
<td></td>
<td>5579</td>
<td>Initial Issue created by Tracy Parker, previously F0135</td>
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<tr>
<td>February 8, 2013</td>
<td>01</td>
<td></td>
<td>DCR0094</td>
<td>Remove Hart Protocol option/Add Ethernet</td>
</tr>
<tr>
<td>August 12, 2013</td>
<td>02 00</td>
<td></td>
<td>DCR0113</td>
<td>Revised by Roxana/Dalila to update, remove UL certification and add CSA-US certifications.</td>
</tr>
<tr>
<td>April 26, 2018</td>
<td>03</td>
<td></td>
<td>DCR18-0003</td>
<td>Revised by Roslyn M. to update datasheets. Revised by Dianna Reed-Ilori to update properties and other information.</td>
</tr>
</tbody>
</table>

### Technical Reviewer

| Technical Reviewer | Illenny Guevara | April 26, 2018 |

### Reviewer Name

| Reviewer Name | Rafael Carbajal | April 26, 2018 |

### Approved for Issue

| Approved for Issue | Gary Fransen | April 26, 2018 |
## Oil / Water Meters (OW-200 & OW-300) 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

#### Water Cut Range (%)

<table>
<thead>
<tr>
<th>Water Cut Range (%)</th>
<th>Oil Continuous</th>
<th>Full Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1%</td>
<td></td>
<td>0-100%</td>
</tr>
<tr>
<td>0-5%</td>
<td></td>
<td>Other (Specify):</td>
</tr>
<tr>
<td>0-10%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-20%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other (Specify):</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Type of Hydrocarbon/Organic

Specify:  

#### Type of Water / Aqueous Phase

- Process Water  
- Steam Condensate / Distilled / Rain Water  
- Other (Specify):  

#### Flow Line Size (Inch) Schedule

<table>
<thead>
<tr>
<th>Flow Line Size (Inch)</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>Sch 40</td>
</tr>
<tr>
<td>3&quot;</td>
<td>Sch 80</td>
</tr>
<tr>
<td>4&quot;</td>
<td>Sch 160 or above</td>
</tr>
<tr>
<td>Other (Specify):</td>
<td></td>
</tr>
</tbody>
</table>

#### Process Temperature

- 32°F to 212°F (0°C to 100°C)  
- 32°F to 450°F High Temperature (0°C to 232°C)  
- Other (Specify):  

#### Process Connections for pipelines 6” and above

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

For full range water cut meters, the minimum ID clearance of 2.8".  
For oil continuous meters, the minimum ID clearance is 1.9".

#### Ambient Temperature

- 32°F to 122°F (0°C to 50°C)  
- -4°F to 122°F (-20°C to 50°C)  
- Other (Specify):  

#### Sensor Materials

- 316L SS  
- Duplex 2205  
- Super Duplex 2507  
- Hastelloy C276  
- Monel 400  
- Other (Specify):  

#### Pressure Rating

- ANSI 150#  
- ANSI 300#  
- ANSI 600#  
- Other (Specify):  

#### Pressure Rating

- RF  
- RTJ  
- Other (Specify):  

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**Output Options** (All Included as Standard/Configurable)

- □ 2 x 4-20mA: □ (WC & Temp) or □ (WC & Flow*)
- □ 3x Pulse** (Pulse1-Oil, Pulse2-Water, Pulse3-Total)
- □ Alarm Relay

*Flow meter input required (4-20mA Analog or pulse)

**Digital Display Standard

**Power Supply**

- □ 24VDC – (Not Loop Powered)
- □ 110/120VAC
- □ 220/240VAC
- □ Other (Specify): _____

**Enclosure**

- □ NEMA 4/7 (Cast Aluminum with O-ring Seal)
- □ Other (Specify): _____

**Enclosure**

**Electrical Entries**

- □ ¾” NPT Standard
- □ Optional Adapters
- □ ¾” NPT X ½” NPT
- □ ¾” NPT X M20
- □ ¾” NPT X M25

**Customer Interface Software Protocol**

- □ MODBUS RTU
- □ MODBUS ASCII
- □ MODBUS TCP/IP
- □ Other (Specify): _____

**Customer Interface Hardware Protocol**

- □ RS 422 - 4 wire (RS-485 Full Duplex)
- □ RS 232 - 3 wire
- □ RS 485 Half Duplex - 2 wire
- □ RJ45 Ethernet (Standard, included in all units)
- □ Other (Specify): _____

**Salinity**

- □ 0-10%
- □ 0-20%
- □ Other (Specify): _____

**Application:**

- □ Well Testing
- □ Field Allocation
- □ Pipeline Monitoring
- □ Other (Specify): ______________________

**Flow Rate:**

- Min: ____________
- Norm: ____________
- Max: ____________ (BPD, GPM, m³/d)

**Specify any additional requirements:**

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