

General

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| Principle of Operation | Digital Capacitance Compensated |
| Temperature Variation | 0.0 - 50.00% (0 – 500,000 ppm) |
| Water in Oil Range | 4 USGPM (0.015 m ³ /min) for Oil |
| Minimum Sample Flow Rate | 9 USGPM (0.034 m ³ /min) for Condensate |
| Resolution | 0.001% (10 ppm) |
| Accuracy | 0.01% (100 ppm) |
| Repeatability | 0.01% (100 ppm) Absolute |
| Temperature Stability | 0.0015% (15 ppm) Water/°C |
| Temperature Sensor | 1000 Ohm Platinum RTD |
| Temperature Compensation Range | 32°F – 300°F (0°C – 150°C) Linear |
| Shipping Weight | 34 to 79 Lbs (15 to 36 Kg), Per Process Connections |
| Shipping Dimensions | 10" x 11" x 34" (26 cm x 28 cm x 86 cm) |

Mechanical

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|---------------------------------------|---|
| Construction Material | Type 316 SS, Wetted Parts |
| Max. Working Pressure | ANSI Flange Rating per Process Connection |
| Max. Fluid Temperature | 275°F (135°C) |
| Max. Ambient Temperature | 185°F (85°C) |
| Operating Temperature for Electronics | -40°F to 185°F (-40°C to 85°C) |
| Storage Temperature for Electronics | -40°F to 185°F (-40°C to 85°C) |
| Process Connection | 3" or 4", 150, 300, 600 or 900# RF Flange |

Electrical

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| Power Required | 18 – 24 VDC @ 150 mA Floating (Grounded or Ungrounded) |
| Electrical Connections | (1) M20, (1) 1" NPT, (1) ¾" NPT |
| Corrosion Protection | NACE MR-0175-2003, Compliant for Sour Service |
| Humidity Protection | Conformal Coating on CB |

Output

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| Transmitter Mounting | Integral with Sensor (No Cables Required) |
| Analog Current | 4 20 mA DC, Isolated, Self-powered |
| Maximum Load | 600 Ohms |
| Isolation Voltage | 500 Volts Peak |
| Relay Contacts | SPST-NO 2 Amp @ 24 VDC, Non-inductive |
| Adjustable Delay | 0 – 43 Million Seconds |
| Adjustable Hysteresis | 0 – 49.90% (0 – 499,000 ppm) water |

Terminal/Computer Interface

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| RS-232C | Full Duplex, Max. 50 Metres |
| Speed | 9600 Baud |
| Word Size | 8 Bits |
| Parity | None |
| Stop Bits | One |
| RS-485 | Half Duplex, Max. 1500 Metres |