



Managed Pressure Drilling

Meter Options

| Micro Motion Coriolis Sensor | Max Flow Rate * | Max pressure | MVD Solo | Density/Rate | Entrained Solids | Temperature Specification |
|------------------------------|-----------------|--------------|----------|--------------|------------------|----------------------------------|
| CMF300 | 300 GPM | 1450 | ● | ● | ● | 400F(204c) at 104F ambient max** |
| CMF400 | 700 GPM | 1480 | ● | ● | ● | 400F(204c) at 104F ambient max** |
| HC2 | 1000 GPM | 1480 | ● | ● | ● | 400F(204c) at 104F ambient max** |
| HC3 | 1200 GPM | 1480 | ● | ● | ● | 400F(204c) at 104F ambient max** |
| DH300 | 300 GPM | 3110 | | ● | ● | 400F(204c) at 104F ambient max** |

*Rate is reduced to minimize erosion

** Consult factory for equipment options

Transmitter Options

| Micro Motion Transmitter | DIN Rail | Integral | C1D2 | Local Display Option | Power Input | Modbus | Analog Frequency Outputs |
|--------------------------|----------|----------|------|----------------------|-------------------|--------|--------------------------|
| 2700 | | ● | ● | ● | 18-30vdc/85-250ac | ● | ● |
| 2500 | ● | | | | 19.2-28.8 vdc | ● | ● |

Sensor Installation

Sensor should be installed in a position that is self draining

Available for high temperature applications - extended mount core processor or 9-wire junction box

All sensors are available without a transmitter (MVD solo) please contact the factory for details.

Transmitter Wiring

MVD Transmitter: 4 conductor wire - up to 1000 feet

9739 Transmitter: 9 conductor wire - specify feet when ordering

Power to the transmitter: 18 gauge min / 15 watts max

Outputs: Self powered (unless otherwise specified)

Other outputs available : HART, Profibus, Foundation Fieldbus

Configuration, Diagnostics and Troubleshooting

Prolink™ II: Software that enables quick configuration of all variables and outputs

Meter Verification for tube integrity and density performance

Flow Rate and Temperature available



For more information about Micro Motion flow and density measurement in Oilfield Services visit www.MicroMotion.com/OFS

Micro Motion, Inc. 7070 Winchester Circle Boulder, Colorado USA 80301 1 800-522-6277

