



# TECHNICAL DATA SHEET

## NON-NUCLEAR DENSITY METER

<b>Transmitter</b>	
Communication Protocol	4 - 20 mA Current Loop Modbus RTU (RS485) RS232 (SW upgrades only)
Accuracy	1% FS or better
Precision	1% or better
Display	Local on transmitter and at DCS
Supply Voltage	120/240 VAC, 24 VDC, 10.5 A (w. inverter)
Classification Of Electrical Area	General Purpose
Environmental Protection	NEMA 4X / IP66
Connection Conduit	½" NPT – in USA, Other regions - PG 13.5 (aperture 21.6 mm)
Cover Material	316 SS
Data Update Rate	5 s
<b>Sensor</b>	
Type Of Detection	Percussion
Cover Material	316 SS
Cable Length	10m standard (up to 30 m optional)
Type Of Cable	Flexible vinyl
Weight	8 Kg (17.5LB.)
Classification Of Electrical Area	General purpose
Environmental Protection	NEMA 4X / IP66
<b>Pipe Specifications</b>	
Size	≥2"
Material	Steel, plastic, fiberglass
Orientation	Any
<b>Operating Conditions</b>	
Maximum Operating Temperature	250°C
Ambient Temperature Range	-40°C – +60°C
Density - Maximum	4.0 s. g.
% Solids - Maximum	100%
<b>Manufacturer</b>	
Brand	Ultimo
Model	DM V4.2

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