

# Subsea Pressure Gauge - DMS600 Series



## Subsea Pressure Gauge - 63mm Premium Subsea 1200m Gauge

100mm diameter premium subsea bourdon tube pressure gauge suitable for submerged depths to 1200m. The case of this gauge is machined from a solid stainless steel block and is capable of withstanding an external pressure of 120 bar. The bourdon tube design is suitable for all gaseous and liquid media that are not highly viscous and that will not solidify, crystallize, attack or corrode 316 Stainless Steel.

<b>Model Number</b>	DMS600 Series
<b>Nominal Size</b>	63mm
<b>Pressure Range</b>	All Standard Ranges Between 0-10 Bar & 0-1000 Bar
<b>Maximum Depth</b>	1200 meters Sea Water
<b>Direct Mounting</b>	Direct Mount Bottom or Back Connection
<b>Panel Mounting</b>	Full Diameter Screw Thread Panel Mounting Ring
<b>Working Pressure</b>	Static Load 100% (Fluctuating Load 75% FSD)
<b>Process Connections</b>	1/4" NPT or BSP Male (Others On Request)
<b>Accuracy</b>	Class 1.6% to EN837-1 (1.6% Full Scale Deflection)
<b>Ambient Temperature</b>	-20/+60°C
<b>Process Temperature</b>	-20/+150°C
<b>Calibration Temperature</b>	20°C
<b>Temperature Effect</b>	Approximately 0.4% FSD +/-10C From Calibration Temperature
<b>Case Material</b>	316 Stainless Steel
<b>Bezel</b>	316 Stainless Steel, Bolt Retained
<b>Wetted Parts</b>	316 Stainless Steel
<b>Dial</b>	White Plastic Dial With Black Markings
<b>Pointer</b>	Black Painted Aluminium
<b>Window</b>	19mm Toughened Float Glass
<b>Option 1- Calibration</b>	Calibration or Test Certification To National Standards
<b>Option 2 - Oxygen</b>	Fully Oxygen Cleaned, Oxygen On Dial
<b>Option 3 - Filling</b>	Silicone Oil Filled Case

For pricing or any further information, please contact Omni Instruments Ltd.