

Water Level Sensor

EC500PH

 EC501
PH501

PS010

LMP305

LMP306

ET-250



LMP306

The LMP306 is a highly accurate stainless steel submersible water level sensor that can be connected to iMetos stations with the precision of $\pm 0,5\%$ within the measurement ranges. The sensor has an integrated barometric sensor module to increase the precision. Pressure (Measuring) ranges: 0 mWC up to 5 mWC (other distances are available on request – please, define in the order).

Applications: Depth or level measurement in wells and open waters (rivers and lakes) and ground water level measurement.

Accuracy according to IEC 60770	Limit Point Adjustment (Nonlinearity, Hysteresis, Repeatability) within $\pm 0,5\%$ within the measurement ranges
Response time:	~ 5 ms
Range:	0.1 to 5 m water gauge
Resolution	1 mm
Accuracy	3 mm of water depth
Operating temperature range	0 to 50°C
Storage temperature range:	-20 to +80°C
Dimensions	
Gauge shaft	90 x 20 mm (height x diameter)
Weight	1.1 kg (including cable)
Housing	Stainless steel 1.4571
Diaphragm	Stainless steel 1.4404
Seals	FKM
Cable Sheath	Shielded PVC
Measuring ranges	0 mWC up to 50 mWC (more on request)
Output signal	0 – 5 Volts
Support:	Pessl Instruments BUS
Part.no. LMP306	Water level sensor ($\pm 0.5\%$ accuracy) please let us know measuring depth and necessary cable lengths (no sensor cable is included please add requested length on CAB11)
Part.no. CAB11	Water level special cable – Li2YCYv black cable (price per meter)