

Water Level Sensor

LMP305

The LMP305 is an accurate but cost effective stainless steel submersible water level sensor that can be connected to iMetos stations with the precision of +/-3 % within the measurement ranges. Sensor has an integrated Barometric sensor module to increase the precision. Pressure (Measuring) ranges: 0 mWC up to 5 mWC (other distances on request – please define at order).

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



EC500PH
LMP305
LMP306
ET-250
EC501
PH501

WATER

Accuracy according to IEC 60770	Limit Point Adjustment (Nonlinearity, Hysteresis and Repeatability) within +/-3 % within the measurement ranges
Response time	~ 5 ms
Range	0 to 5 m water gauge
Resolution	1cm
Accuracy	3 cm 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 5 mWC (more on request)
Output signal	0 – 5 Volts
Support	Pessl Instruments BUS only at the end of the chain
Part.no. LMP305	Water level sensor (+/- 3% 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)