

LumiSense Pro (RH)

LumiSense Pro (RH) is a relative humidity (RH) measurement probe designed to remotely measure the RH and temperature in harsh conditions such as industrial plants and construction sites. It also assists with predictive maintenance of the assets when extreme temperatures, moisture ingression, or water leaks cause failures or breakdowns. The sensor should be connected to LumiNode/+2+ (RH) for real-time and remote data transmission in permanent deployments in industrial facilities or project sites.

SPECIFICATION	DATA	
<u>Dimensions</u>	Imperial	Metric
Probe Diameter	0.55 in	1.4 cm
Probe Length	2 in	5 cm
Cable Diameter	1/4 in	0.6 cm
Cable Length (standard)	3.3 ft	1 m
<u>Temperature Sensor</u>		
Accuracy (typical)	±0.36 °F	±0.2 °C
Resolution	0.018 °F	0.01 °C
Range	-40 to 176 °F	-40 to 80 °C
Response Time	< 10 seconds	
Long Term Drift	> 0.03 °C/year	
<u>Humidity Sensor</u>		
Accuracy (typical)	±2 (0 to 80%) ±4 (80 to 100%)	%RH
Resolution	0.01	%RH
Range	0 to 100	%RH
Response Time	< 10 seconds	
Long Term Drift	< 0.25 %RH/year	

