

LumiSense^{PRO}

LumiSense Pro is a flexible multi-point temperature measurement cable designed to be embedded directly inside concrete. It supports up to a maximum of 30 sensors. Built for extreme reliability and high accuracy, it is designed for measuring temperature at multiple locations inside concrete, freeing the need for multiple loggers/transmitters. LumiSense Pro is fully tested and ruggedized for any demanding construction environment.

A wide variety of selections is available for cable dimensions and sensor spacing for projects requiring higher levels of customization. A single-point sensor cable is also available for specific monitoring requirements.

SPECIFICATION

DATA

	Imperial		Metric	
	Operating Temperature Range	-22 to 257 °F		-30 to 125 °C
Temperature Accuracy (Typ.)	-4 °F to 158 °F	±0.23 °F	-20 °C to 70 °C	±0.13 °C
	-22 °F to 212 °F	±0.23 °F	-30 °C to 100 °C	±0.13 °C
	-22 °F to 257 °F	±0.9 °F	-30 °C to 125 °C	±0.5 °C
Temperature Accuracy (Max)	-4 °F to 158 °F	±0.72 °F	-20 °C to 70 °C	±0.4 °C
	-22 °F to 257 °F	±1.0 °F	-30 °C to 100 °C	±0.55 °C
	-22 °F to 257 °F	±1.26 °F	-30 °C to 125 °C	±0.7 °C
Cable Diameter	1/4 in		6.3 mm	
Sensor Diameter	5/8 in		15.9 mm	
Cable Pull Strength*	150 lbf		70 kg	
Number Of Sensors Per Cable	Up to 30 Sensors			



* Tested at room temperature on cable and sensor point, excluding the cable connector.