

MicroLite Specifications

	LITE5008 LITE5016 Internal Temp	LITE5008P LITE5032P Internal Temp	LITE5032P-RH Internal Temp/RH	LITE5032P-4/20 4 to 20 mA	LITE5032P-V 0 to 10 V	LITE5032P-EXT External NTC
Range	-40 to 80 °C	-40 to 80 °C	Temp: -40 to 80 °C RH: 5 to 95 %	4 to 20 mA	0 to 10 V	-50 to 150 °C
Accuracy	±0.3 °C	0 to 60 °C: ±0.3 °C After calibration: -40 to 0 °C: ±0.3 °C 60 to 80 °C: ±0.3 °C	Temp: ±0.3 °C RH: ± 2%	±20 µA	±5 mV	± 0.3 °C (after calibration with fourtec NTC sensor)
Resolution	0.1 °C (display) 0.01 °C (software)	0.03 °C or better	Temp: 0.01 °C RH: 0.05 %	1 µA (display) 5 µA (software)	1 mV (display) 4 mV (software)	0.02 °C or better
Maximum Load	N/A	N/A	N/A	25 mA, 3 V	12 V	N/A
Dew Point	X	X	√	N/A	N/A	N/A
LCD	√	√	√	√	√	√
LED Alarm Indicator	X	√	√	√	√	√
Sampling Memory	8,000 and 16,000	8,000 and 32,000	32,000 (16K per channel)	32,000		
Sampling Rate	Once per second/ once every 2 hours	Once per second / once every 18 hours				
Battery Type / Battery Life	CR2032 3V-1.5 years, depending on sampling rate and operating conditions	CR2032 3V 2 years, depending on sampling rate and operating conditions				
Operating Environment	-40 to 80 °C					
Dimensions (With Cap)	11 x 3.9 x 2.6 cm		11 x 3.9 x 3 cm	14 x 3.9 x 2.6 cm		
Weight	45.5 g					
Standards Compliance	CE, EN12830, IP67			CE, EN12830, IP54		
Wall Mount	X	Logger cradle accessory provided				

About fourtec

fourtec – Fourier Technologies is a recognized leader in data-logging and monitoring solutions for controlled industrial environments, such as food, pharmaceutical, medical, storage and transportation industries.

Our solutions enable our customers to deliver higher quality products, ensure consumer safety, comply with regulatory requirements and increase profitability. Innovation, expertise and a commitment to quality are the values that drive the development and production of our products.

fourtec – Fourier Technologies is an associate member of GCCA (Global Cold Chain Alliance). A proven specialist in cold chain management systems, we deliver end-to-end solutions that accompany products from the processing floor to the end user.

fourtec – Fourier Technologies operates in over 60 countries, through an established network of selected resellers. fourtec's trusted data acquisition solutions have been implemented globally by many mission critical organisations including NASA, Coca Cola, Qantas, Colgate and TEVA.

fourtec – Fourier Technologies is a spinoff company based on the industrial division of Fourier Systems, a world leader in data logging, data acquisition and monitoring, with more than 20 years of experience in serving this market.



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