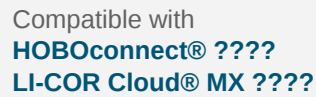




????

Requires a compatible mobile device or Windows computer and the HOBObconnect app. System requirements can be found at the bottom of the HOBObconnect software page. Get cloud storage and access to the powerful tools of LI-COR Cloud® IoT software! (formerly HOBOblink) Add an MX Data Plan!



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HOBO ?????? ??/????/??/???? (MX1104-TEMP-06) Specifications

??/??/???? (SD-TEMP-xx)

????	-40° to 50°C (-40° to 122°F) in water; -40° to 100°C (-40° to 212°F) in air
????	±0.15°C ?0°C?50°C????A? (0.9??)?????A?)
??	25°C?0.002? (77????0.003?)
??	????0.1°C (<0.2????/?)
??????	2 minutes typical to 90% in air moving 1 m/s (2.2 mph)
????????	30 seconds typical to 90%
????	Sensor tip and cable immersion in fresh water up to 50°C (122°F) for 1 year
????	Copper-plated sensor tip
????	5.1×33?? (0.2 x 1.3 ??)
????	1.8 ? (6??)

????? (MX1104)

??	-20°C?70°C (-4????158???)
????	?0°?50°C???±0.20°C (±0.36????32°?122?????)
??	25°C??0.002°C (77?????0.004???)
??	????0.1°C (??0.18???)

????????* (MX1104)

??	0% to 100% at -20° to 70°C (-4° to 158°F); exposure to conditions above 95% may temporarily increase the maximum RH sensor error by an additional 1%
????	±2.5% from 10% to 90% (typical) to a maximum of ±3.5% including hysteresis at 25°C (77°F); below 10% and above 90% ±5% typical
??	0.01%
??	<1% per year typical

???? (MX1104)

??	11 minutes in air moving 1 m/s (2.2 mph)
????	30 seconds to 90% in airflow of 1 m/s (2.2 mph)

???? (MX1104)

??	0 to 167,731 lux (15,582 lum/ft2)
????	±10% typical for direct sunlight (see Light Measurement on page 4 for more details)

???

????	-20°~70°C (??4????158???)
?????	1 ?? (0 ?????)
????	Approximately 30.5 m (100 ft) line-of-sight
??????	Bluetooth Low Energy (Bluetooth Smart)
??????	1 second to 18 hours
????	Fixed interval (normal, statistics) or burst
????	Wrap when full or stop when full
????	Immediate, push button, date & time, or next interval
????	When memory full, push button, date & time, or after a set logging period
????	Push button
????	±1 minute per month at 25°C (77°F)
????	Two AAA 1.5 V alkaline batteries, user replaceable
??????	1 year, typical with logging interval of 1 minute and Bluetooth Always On enabled; 2 years, typical with logging interval of 1 minute and Bluetooth Always On disabled; and temperatures between 0° and 50°C (32° and 122°F). Faster logging intervals and statistics sampling intervals, burst logging, remaining connected with the app, excessive downloads, and paging may impact battery life.
??	4 MB (1.9 million measurements, maximum)
????????	Approximately 4 to 15 minutes depending on the mobile device; may take longer the further the device is from the logger
?????	LCD is visible from 0° to 50°C (32° to 122°F); the LCD may react slowly or go blank in temperatures outside this range
??	11.28 x 5.41 x 2.92 ?? (4.44 x 2.13 x 1.15 ??)
??	123? (4.34??)
????	IP54

???? ????	SD-MA-420 ? CABLE-4-20mA	SD-VOLT-2.5 ? CABLE-2.5-STEREO	SD-VOLT-05 ? CABLE-ADAP5	SD-VOLT-10 ? CABLE-ADAP10	SD-VOLT-24 ? CABLE-ADAP24
????	0 ? 20.1 mA	0 ? 2.5 V	0 ? 5.0 V	0 ? 10 V	0 ? 24 V
??	±0.001 mA ±???0.2%	±0.1 mV ±???0.1%	±0.2 mV ±???0.3%	±0.4 mV ±???0.3%	±1.0 mV ±???0.3%
???	0.3 μA	40 μV	80 μV	160 μV	384 μV

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Per RH sensor manufacturer data sheet

