



MX1102A

HOBO ????/??/????????

????????

????????????????????

Important Information

??HOBOWare????????????Windows????HOBOnetconnect????????????
HOBOnetconnect????????????????????????????LI-COR Cloud® IoT ??????????
HOBOLink??? MX ?????



Compatible with
HOBOnetconnect® ????
LI-COR Cloud® MX ????

Supported Measurements

????, ??, ???? , ??

Features

- ????????????
- ?5??CO2????????????6??
- ?????HOBOnetconnect????????????
- ???????????
- ???NDIR CO2????????????
- ?????

What's in the box

- HOBO MX1102 CO2 ?????
- ??AA 1.5????

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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470 MacArthur Boulevard
Bourne, MA 02532

HOBO
/
/
(MX1102A) Specifications

??	0°C?50°C (32????122???)
???	±0.21°C??0°C?50°C????????? (±0.38????32°?122°F?????????????)
??	25°C??0.024°C????????? (0.04????77?????????????)
??	????0.1°C (0.18??/?)

??	1% to 90% RH (non-condensing)
???	±2% from 20% to 80% typical to a maximum of ±4.5% including hysteresis at 25°C (77°F); below 20% and above 80% ±6% typical
??	0.01%
??	<1% per year typical

??	0 to 5,000 ppm
???	±50 ppm ±5% of reading at 25°C (77°F), less than 90% RH (non-condensing) and 1,013 mbar
????	15 seconds
??	Auto or manual to 400 ppm
???	<1% of FS
?????	0.13% of reading per mm Hg (corrected via user input for elevation/altitude)
??????	950 to 1,050 mbar (use Altitude Compensation for outside of this range)
??????	-305?5,486? (-1000?18000??)
????	Non-dispersive infrared (NDIR) absorption

??	?1?/?????12????90% (?2.2??/???????12????90%?)
????	1????1?/???????90% (?2.2??/???????1????90%)
????	?1?/?????1????90% (?2.2??/???????1????90%?)

?????	1?? (0 ????)
????	??30.5??? (??100???)
??????	Bluetooth Low Energy (Bluetooth Smart)
???????	0°?50°C?0?95%????????? (32????122????0?95%?????????)
??????	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
????	25°C???±1?? (???±1??)
??	4 AA 1.5 Volt batteries (user replaceable) or USB power source (5 V DC, 2 Watts)
??????	6 months, typical with logging and sampling intervals of 5 minutes or slower; 6 months or less with logging and sampling intervals faster than 5 minutes while logging CO2. Entering burst logging mode will impact battery life. With app use, battery life can be reduced by remaining connected, excessive readouts, audible alarms, and paging. Visual/audible alarms and other events can have a marginal impact on battery life.
??	128 KB (84,650 measurements, maximum)
????	USB 2.0 interface or via Bluetooth Smart
????????	20 seconds via USB; approximately 60 seconds via Bluetooth Smart, may take longer the further the device is from the logger
?????	??????0°C?50°C????? (LCD??????32°F?122°F?) ?????????LCD?????????
??	7.62×12.95×4.78?? (3.0 × 5.1 × 1.88 ??)
??	267.4 ? (9.43??)
????	IP50

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Per RH sensor manufacturer data sheet