



RXW-WL-900 • RXW-WL-868 • RXW-WL-922 • RXW-WL-921



HOBOnet ???????

???HOBOnet????????????????????????????

HOBOnet??HOBOnet
RX3000?HOBOnet MicroRX??——HOBOnet????????????????

Important Information

????????????????HOBOnet ?????????????????HOBOnet RX3000 ??????
HOBOnet ????????????? HOBOnet ??????HOBOnet MicroRX ??????????
HOBOnet ??????RXW-RPTR-xxx ? RXW-RPTR-B-xxx?????????



Compatible with
LI-COR Cloud® ?????

Supported Measurements

??

Features

?????

- ??????????
 - ?????????????
 - 3?NIST????????
- ?????

- ?????????????????????????????
- 450?600??1,500?2,000????????????5?
- ??HOBOnet RX??????50????????336?????
- ?????????HOBOnet????
- ?????????????
- ?????AA????????????

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

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532

HOBOnet
(RXW-WL-xxx) Specifications

Operating Temperature	-25°C/-13°F to 140°F (0°C to 158°F)
Power Consumption	12.6 mW (+11 dBm) typical
Frequency	433.92 MHz (FCC Part 15.4) or 868.5 MHz (ETSI EN 300 220)
Protocol	IEEE 802.15.4
Channels	RXW-WL-900: 904–924 MHz RXW-WL-868: 866.5 MHz RXW-WL-921: 921 MHz RXW-WL-922: 916–924 MHz
Modulation	OQPSK
Range	250 m (open field)
Accuracy	<1%
Resolution	0.001°C (0.002°F)
Response Time	1 s
Supply Voltage	4 x AA 1.2V or 1 x AA 1.5V (3.0V nominal)
Operating Voltage	2.0V to 3.0V (nominal 3.0V)
Dimensions	16 mm (0.63 in) diameter 25.4 mm (1 in) height Weight: 1.83 g (0.065 oz)
Weight	16.2 x 8.59 x 4.14 mm (0.638 x 0.338 x 0.163 in)
Material	229T8.08 (polypropylene)
RoHS	Compliant
IP Rating	Mate: IP67, NEMA 6



Notes	* All specifications are subject to change without notice. All measurements are taken at 20°C (68°F) unless otherwise specified. Accuracy is typical and may vary with temperature and humidity.
-------	--

??????????? MX2001-01-SS-S ? MX2001-01-Ti-S

????	0?207???0?30?????????????????0?9?0?30??????????3,000??10,000????0?12?0?40???????
??????	69?207???10?30?????????????0°?40°C?32°?104°F?
????	310???45 psia??18??60?????
????*	?????±0.05% ???0.5 ??0.015 ????? ?????±0.1% ???1.0 ??0.03 ?????
?????*	±0.3% ???0.62 ??0.09 ?/?????????
??	<0.02 ??0.003 ?/?????0.21 ??0.007 ?????
????? (90%)*	???????1?

??????????? MX2001-02-SS-S

????	0?400???0?58?????????????????0?30.6?0?100?????????????0?33.6?0?111??????????3,000??10,000?????
??????	69?400???10?58 psia??0°?40°C?32°?104°F?
????	500???72.5 psia??40.8??134?????
????*	?????±0.05% ???1.5??0.05????? ?????±0.1% ???3.0??0.1?????
?????*	±0.3% ???1.20 ??0.17 ?/?????????
??	<0.04 ?? (0.006 ?/????)?0.41 ?? (0.013 ??) ??
????? (90%)*	???????1?

??????????? MX2001-03-SS-S

????	0?850???0?123.3?????????????????0?76.5?0?251?????????????????0?79.5?0?262??????????3,000??10,000?????
??????	69?850???kPa??10?123.3?????????psia??0°?40°C?32°?104°F?
????	1200???174?/??????????112??368?????
????*	?????±0.05% ???3.8 ??0.125 ????? ?????±0.1% ???7.6 ??0.25 ?????
??????	±0.3% ???2.55 kPa (0.37 psi) ????
??	<0.085 ??0.012 ?/?????0.87 ??0.028 ?????
????? (90%)*	???????1?

??????????? MX2001-04-SS-S ? MX2001-04-Ti-S

????	0?145???0?21?????????????????????0?4?0?13??????????3,000??10,000?????0?7?0?23???????
??????	69?145???10?21 psia??0°?40°C?32°?104°F?
????	310 ???45 ???????????? 18 ??60 ?????
????*	?????±0.075% ???0.3 ??0.01 ????? ?????±0.15% ???0.6??0.02?????
?????*	±0.3% ???0.43 ??0.063 ?/?????????
??	<0.014???0.002?/?????0.14???0.005?????
????? (90%)*	???????1?

?? (RXW-WL-xxx)

???	66?107???9.57?15.52 psia?
?????	-20 ? 50°C?-4 ? 122°F?
???	±0.2 ?? (±0.029 ?/????) ?????????????????±0.5%???
????*	????±0.075% ???0.3 ???0.01 ????? ????±0.15% ???0.6 ???0.02 ?????
??	<0.01 ???0.0015 ?/?????
????	??????1?
???????	0.01 ???0.0015 ?????????

?????????????? MX2001-0x-SS-S ? MX2001-0x-Ti-S?

????	-20°C ? 50°C?-4°F ? 122°F?
???	0°C?50°C?±0.44°C?32°F?122°F?±0.79°F?
??	25°C??0.1°C?77°F??0.18°F?
???? (90%)	??5??????
???????	0.1????0.18??????