



U20L-04 • U20L-01 • U20L-02

HOBO???????

USB ???????

??13?30?100??????????????

Important Information

??HOBOWare Pro ?????U-DTW-1 ????????Base-U-4 ?? USB ??
????????????????????????????

Supported Measurements

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

Features

- ??????????????????
 - ???
 - ??? 13?30 ? 100 ??????????
 - ?????????????????
 - HOBOWare Pro ?????????????????????????????????????
- ???????????????????????? NIST ????????????? U20-001-01 ??? U20-001-01-Ti ???

What's in the box

- HOBO U20L-0x ???????

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

HOBO???????? (U20L-0x) Specifications

???????????? U20L-01

????	0 ? 207 kPa?0 ? 30 psia???????? 0 ? 9 ??0 ? 30 ????????? 3,000 ??10,000 ???? 0 ? 12 ??0 ? 40 ?????
??????	69 ? 207 kPa?0° ? 40°C (10 ? 30 psia?32° ? 104°F)
????	310 kPa ? 18 ??? (45 psia ? 60 ?????)
????*	?????±0.1% FS?1.0 ???0.03 ????? ?????±0.2% FS?2.0 ???0.06 ?????
??????**	±0.3% FS????? 0.62 kPa?0.09 psi?
???	<0.02 kPa ?? (0.007 ?????)
?????? (90%)**	????? <1 ???????????????????

???????????? U20L-02

????	0 ? 400 kPa?0 ? 58 psia???????? 0 ? 30.6 m?0 ? 100 ft???????? 3,000 m?10,000 ft?? 0 ? 33.6 m?0 ? 111 ft???
??????	69 ? 400 kPa?10 ? 58 psia??0° ? 40°C?32° ? 104°F?
????	500 kPa?72.5 psia?? 40.8 m?134 ft???
????*	?????±0.1% FS?3.0 cm?0.1 ft??? ?????±0.2% FS?6.0 cm?0.2 ft???
??????**	±0.3% FS????? 1.20 kPa?0.17 psi?
???	<0.04 kPa?0.006 psi??0.41 cm?0.013 ft???
?????? (90%)**	????? <1 ???????????????????

???????????? U20L-04

????	0 ? 145 kPa?0 ? 21 psia???????? 0 ? 4 m?0 ? 13 ft???????? 3,000 m?10,000 ft?? 0 ? 7 m?0 ? 23 ft???
??????	69 ? 145 kPa?10 ? 21 psia??0° ? 40°C?32° ? 104°F?
????	310 kPa?45 psia?? 18 m?60 ft???
????*	?????±0.1% FS?0.4 cm?0.013 ft??? ?????±0.2% FS?0.8 cm?0.026 ft???
??????**	±0.3% FS????? 0.43 kPa?0.063 psi?
???	<0.014 kPa?0.002 psi??0.14 cm?0.005 ft???
?????? (90%)**	????? <1 ???????????????????

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

???	-20° ? 50°C (-4° ? 122°F)
??	0° ? 50°C ??? ±0.44°C??????? (32° ? 122°F ??? ±0.79°F????????)
???	25°C ?? 0.10°C???????? (77°F ?? 0.18°F????????)
???? (90%)	?? 10 ???????
??? (??)	?? 0.1°C (?? 0.18°F)
???	
????	±1 ??/?° ? 50°C (32° ? 122°F)
??	2/3 AA?3.6 ?????????
??????????	????? 1 ????????? 5 ?
????????	64K ?????? 21,700 ?????????
??	???? 154 ? (5.43 ??) ???? 53.9 ? (1.9 ??)
??	?? 3.18 ?? (1.25 ??)??? 15.24 ?? (6.0 ??)????? 6.3 ?? (0.25 ??)
??????	?????????Viton ? Buna-N O ?????????????????????
??????	???????????????? 8 ????????????????????? 1 ?? 18 ????????? HOBOWare ?????
????	??????????
??????	????????????
????	????????????????????????????????????
????	IP68

