



U20-001-02 • U20-001-02-Ti

HOBO 100??????????

??????100????????????????????
????????????????????????????????/??????????

Important Information

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

Supported Measurements

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

Features

- ??? - ??????????????????
- HOBOWare Pro????????????????????
- ?????????????????????
- ????????
- ?????????????????
- ?????????????
- ??????????
- ??????????
- ???NIST???????

What's in the box

- HOBO U20-001-02 ? U20-001-02-Ti ???????100?????

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

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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

HOBO 100??????????? (U20-001-02) Specifications

??????? U20-001-02 ? U20-001-02-Ti

????	0 to 400 kPa (0 to 58 psia); approximately 0 to 30.6 m (0 to 100 ft) of water depth at sea level, or 0 to 33.6 m (0 to 111 ft) of water at 3,000 m (10,000 ft) of altitude
??????	69 to 400 kPa (10 to 58 psia), 0° to 40°C (32° to 104°F)
????	500 kPa (72.5 psia) or 40.8 m (134 ft) depth
????*	Typical error: ±0.05% FS, 1.5 cm (0.05 ft) water Maximum error: ±0.1% FS, 3 cm (0.1 ft) water
??????	±0.3% FS, 1.20 kPa (0.17 psi) maximum error
??	<0.04 kPa (0.006 psi), 0.41 cm (0.013 ft) water
?????? (90%)*	<1 second; measurement accuracy also depends on temperature response time

???????????

????	??20°?50°C (-4????122???)
???	±0.44°C from 0° to 50°C (±0.79°F from 32° to 122°F), see Plot A in manual
??	0.10°C at 25°C (0.18°F at 77°F), see Plot A in manual
???? (90%)	5 minutes in water (typical)
???????	0.1°C (0.18°F) per year

???

????	± ??1?? 0°C?50°C (32°?122°F)
??	2/3 AA, 3.6 Volt lithium, factory-replaceable
?????????????	5 years with 1 minute or greater logging interval
?????????	64K bytes memory (approx. 21,700 pressure and temperature samples)
??	Stainless steel models: approximately 210 g (7.4 oz) Titanium models: approximately 140 g (4.8 oz)"
??	2.46 cm (0.97 inches) diameter, 15 cm (5.9 inches) length; mounting hole 6.3 mm (0.25 inches) diameter
????	316 stainless steel, Viton® o-rings, acetyl cap, ceramic sensor
????	Fixed-rate or multiple logging intervals, with up to 8 user-defined logging intervals and durations; logging intervals from 1 second to 18 hours. Refer to the HOBOWare software manual.
????	Immediate start and delayed start
????	Offload while logging; stop and offload
????	Battery voltage can be viewed in status screen and optionally logged in datafile. Low battery indication in datafile.
????	IP68

* ???
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????????????10??0.5%?

