



## HOBO® SD-VOLT-xx Sensor

### Self-Describing DC Voltage Input Cable

For use with HOBO MX1104 and MX1105 multi-channel data loggers, this DC voltage input cable offers integrated strain relief to keep it connected to the logger, and it features Self-Describing technology to automatically communicate configuration information to the logger.



#### Key Advantages:

- Self-Describing technology for quick, easy setup
- Locking jack to ensure cable is connected and stays connected
- Measurement range:
  - 0 to 2.5 V (w/ SD-VOLT-2.5)
  - 0 to 5 V (w/ SD-VOLT-05)
  - 0 to 10 V (w/ SD-VOLT-10)
  - 0 to 24 V (w/ SD-VOLT-24)
- Accuracy:
  - $\pm 0.1$  mV  $\pm 0.1\%$  of reading (w/ SD-VOLT-2.5)
  - $\pm 0.2$  mV  $\pm 0.3\%$  of reading (w/ SD-VOLT-05)
  - $\pm 0.4$  mV  $\pm 0.3\%$  of reading (w/ SD-VOLT-10)
  - $\pm 1.0$  mV  $\pm 0.3\%$  of reading (w/ SD-VOLT-24)
- Cable length: 1.8 m (6 ft)

HOBO SD-VOLT-xx Sensor Specifications

|               | SD-VOLT-2.5              | SD-VOLT-05               | SD-VOLT-10               | SD-VOLT-24               |
|---------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Maximum Input | 0 to 2.5 VDC             | 0 to 5 VDC               | 0 to 10 VDC              | 0 to 24 VDC              |
| Accuracy      | ±0.1 mV ±0.1% of reading | ±0.2 mV ±0.3% of reading | ±0.4 mV ±0.3% of reading | ±1.0 mV ±0.3% of reading |
| Impedance     | > 1 M                    | 20 K                     | 20 K                     | 48 K                     |
| Resolution    | 0.002% of full scale     |                          |                          |                          |
| Cable Length  | 1.83 m (6 ft)            |                          |                          |                          |