

Voltage Input Adapter Cable (CABLE-ADAPx)

For use with HOBO® ZW data nodes and compatible HOBO U12 and UX120-006M series data loggers

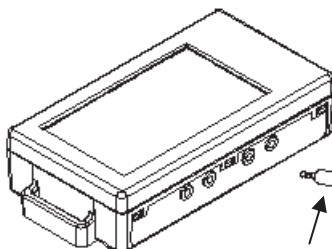


CABLE-ADAP5 is a resistive voltage divider that allows sensor inputs of 5 VDC max. CABLE-ADAP10 allows sensor inputs of 10 VDC max and CABLE-ADAP24 allows sensor inputs of 24 VDC max.

Specifications

	CABLE-ADAP5	CABLE-ADAP10	CABLE-ADAP24
Max. Input	0–5 VDC	0–10 VDC	0–24 VDC
Accuracy with U12	$\pm 4 \text{ mV} \pm 2.7\%$ of reading	$\pm 8 \text{ mV} \pm 2.7\%$ of reading	$\pm 20 \text{ mV} \pm 2.7\%$ of reading
Accuracy with ZW	$\pm 3.1 \text{ mV} \pm 2.2\%$	$\pm 6.2 \text{ mV} \pm 2.2\%$	N/A
Accuracy with UX120-006M	$\pm 0.2 \text{ mV} \pm 0.3\%$ of reading	$\pm 0.4 \text{ mV} \pm 0.3\%$ of reading	$\pm 1.0 \text{ mV} \pm 0.3\%$ of reading
Impedance	20 K ohm	20 K ohm	48 K ohm
Resolution with U12 and ZW	0.03% of full scale		
Resolution with UX120-006M	0.002% of full scale		
Length	1.9 m (6.3 ft) (all models)		
Weight	38.6 g (1.4 oz) (all models)		

Using the voltage input adapter cable



Wires connect to sensor:

- Switch 2.5 V (red) not used
- Signal In (white) +
- Common (black) -

2.5 mm plug connects to available analog channel on UX120-006M (shown), U12, and ZW (CABLE-ADAP5 and CABLE-ADAP10 only for ZW)