



TMCx-HD Sensors

Temperature sensors for use with HOBO[®] external-channel data loggers monitoring air, water, or soil temperatures.

- -40° to 50°C (water/soil); -40° to 100°C (air)
- Accuracy $\pm 0.15^\circ\text{C}$ at 20°C
- Response time in stirred water is 1 minute typical to 90%.
- Probe dimensions: 0.5 cm x 2.5 cm
- Available with various length PVC cables.

Order Codes:

TMC1-HD (300mm cable)

TMC6-HD (1.8 metre cable)

TMC20-HD (6.1 metre cable)

TMC50-HD (15.2 metre cable)



TMC6-HC Stainless Steel Needle Probe

A food-grade stainless-steel temperature probe with pointed tip for use with HOBO[®] external-channel data loggers.

- -40° to 100°C (air or water)
- Accuracy $\pm 0.15^\circ\text{C}$ at 20°C
- Response time in air is 3 minutes typical to 90%
- Response time in stirred water is 15 seconds typical
- Probe dimensions 102 x 3.2mm with pointed tip
- Fitted with PVC cable length 1.8m

Order Codes:

TMC6-HC

CTV Split-Core Current Sensors

Split-core AC current sensors of 0 to 20 amps AC for use with HOBO external-channel data loggers.

With an input current of AC current, sine wave, single phase 50 Hz or 60 Hz, load power factor 0.5 to 1.0 lead or lag.

- Ranges available (AC Amps): 0-20, 0-50, 0-100, 0-200, 0-600
- Accuracy with H8: $\pm 5.0\%$ of full scale; Accuracy with U12: $\pm 4.5\%$ of full scale
- Input current: AC current, sine wave, single phase 50 Hz or 60 Hz, load power factor 0.5 to 1.0 lead or lag
- Voltage rating: 600 VAC
- Construction and operating environment: Molded plastic housing for indoor use. Pivoting leg (leg on CTV-D and CTV-E units is fully removable)
- Cable Length: 1.8m cable



Order Codes	Range (Amps AC)	Response Time	Dimensions (cm)			
			Window	Outer Length	Outer Width	Height
CTV-A	0-20	440 mS	2.8 x 2.3	7.4	6.6	2.5
CTV-B	0-50	200 mS	2.8 x 2.3	7.4	6.6	2.5
CTV-C	0-100	100 mS	2.8 x 2.3	7.4	6.6	2.5
CTV-D	0-200	450 mS	3.8 x 3.3	9.9	11.9	2.8
CTV-E	0-600	490 mS	7.4 x 6.4	13.5	15.0	2.8