

MODEL 111H TEMPERATURE PROBE



1. GENERAL

The 111H air / soil / water temperature probe is incorporated with a thermistor sensor element. The cable length is available on request. However, to extend cable length by adding wire to the pigtail end should be prohibited because measurement errors will result.

2. ACCURACY

The 111H temperature probe has an accuracy of ± 0.3 over the range of -20 to $+40$, and an accuracy of ± 0.5 over the range of -40 to $+60$, and an accuracy of ± 0.7 over the range of $+60$ to $+90$.

Probe measuring errors are tabulated in table 1.

Table 1. probe measuring error

RANGE	ERROR
a. -20 to $+40$	$< \pm 0.3$
b. -40 to $+60$	$< \pm 0.5$
c. $+60$ to $+90$	$< \pm 0.7$
