

MODEL 111S SURFACE TEMPERATURE PROBE



1. GENERAL

The 111S surface temperature probe is incorporated with a thermistor element, which is suitable for any surface temperature measurement, which including panel surface, leaves, and other objects, etc. The thermistor element is around 2.0mm of thickness. The cable length of 111S is supplied with 5M or 10M or 20M or 30M standard, other length can be available upon request. However, to extend cable length by adding wire to the pigtail end should be prohibited because measurement errors will result.

2. ACCURACY

The 111S surface 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 $+60$. The 111S 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 $+60$ | $< \pm 0.5$ |
