Elitech®

TPM-960 Panel meter user manual

1. Product General

with simple and elegant appearance,TPM-960 can be applied to all the equipments needing temperature measure,such as refrigerated cabiinet and display cabinet and so on.

2. Specification

Mounting size: 65.5 mm×19 mm   Product size: 70 mm×23.5 mm×34.2mm

3. Technical parameter

1) Measuring range : -50℃～99℃ ;
2) Temperature resolution : 1℃ ;
3) Temperature accuracy : -40℃～50℃ , ±1℃ ; 51℃～70℃ , ±2℃ ; others, ±3℃ ;
4) Power voltage: 220±10%(VAC)、50/60Hz ;
5) Power consumption : <3W ;
6) Ambient temperature: 0℃～55℃
7) Storage condition temperature: -25℃～75℃
8) Relative humidity:20%～85%(non condensing)

4. Function Description

1) Work status settings

temperature sensor calibration℃	-5	-4	-3	-2	-1	0 (default)	1	2	3	4	5

mode（S2）	
Integer/decimal	Integer
Celsius/Fahrenheit selection	Celsius
Refresh time when the temperature decreases(S)	3
Refresh time when the temperature rises （S）	3
Temperature display lower limit	-50
Temperature display upper limit	99

Note: After the product is delivered from factory, the temperature calibration value and the operating mode can not be changed.

2)Model Description:

If measuring temperature is lower than temperature display lower limit, the display shows the temperature display lower limit; If measuring temperature is higher than temperature display upper limit, the display shows the temperature display upper limit;

When the temperature changes, it's will refresh temperature in different refresh time according to the change trend of the temperature. For integer mode, the display will increase one unit each time until it reaches to the final temperature.(For example, change from 23 ℃ to 26℃, the display will change as below: 23,24,25,26)
Screen blinkingly displays "EE" when sensor error;

Notice:

◆Please distinguish the wiring terminal of N and L, and connect them connectly.

◆Interfaces of sensor and power should be distinguished from one another, or the unit may be destroyed.

◆Prohibit to do any operation when power on. Please consult our sales engineer if need to measure the temperature of conductive liquid.

此边缘线
为刀模线

技术要求：
1.尺寸：180*132mm，公差±1mm；
2.105g铜版纸，白底黑字

媒体编号			镀涂		

旧图纸总号						JC-8.806.257

	标记	数量	更改单号	签 名	日期	TPM-960 英文常规 说明书	25050204871

底图总号	设　　计				阶段	标记	质　量	比　例
	审　　核						
	工　　艺						1:1

日期	签名			第 1 张　　　共 1 张
		标 准 化		江苏省精创电气股份有限公司
		批　准		

格式（1）	制图：	描图：