

MFS14 系列 洗衣机温度传感器

Series MFS14 Temperature sensors for washing machine

产品特点 FEATURES

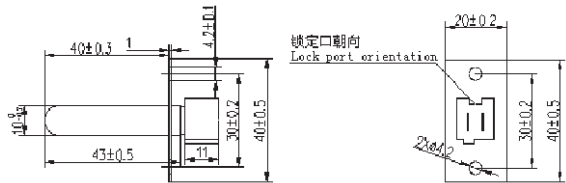
- ▶ 适用于腐蚀性环境中使用Suitable for use in corrosive environments
- ▶ 紧凑型不锈钢外壳Compact stainless steel case
- ▶ 热感应快、灵敏度高Fast response to the temperature

应用范围 Application

- ▶ 洗衣机Washing machines
- ▶ 洗碗机Dish washers
- ▶ 热水锅炉Water boilers

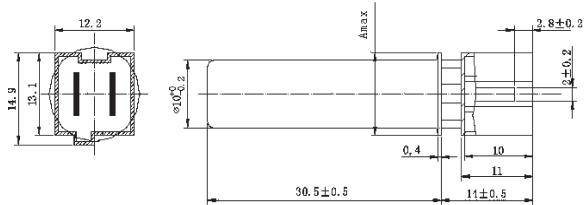
Amax(mm)	插头端子Plug terminal(mm)
φ 14.5	6.3 x 0.8
φ 12.4	4.8 x 0.8

- ▶ MFS14普通型common type (插针尺寸pin dimensions 6.3 x 0.8mm and 4.8 x 0.8mm)

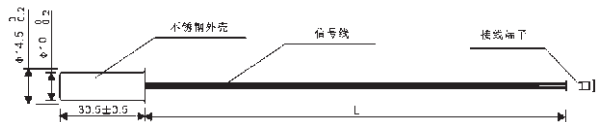


外形尺寸 DIMENSIONS

- ▶ MFS14普通型common type (插针尺寸pin dimensions 6.3 x 0.8mm and 4.8 x 0.8mm)



- ▶ MFS14带连接线with connecting line



说明：信号线材质、长度等均可根据客户要求定制。
Explain : Signal line material、length can be customized according to customer requirements.

型号命名 PRODUCT IDENTIFICATION

- ①产品代号；Product code； ②外形尺寸代号dimension code；
X：普通型common type (插针Pin 4.8*0.8mm)；
P：普通型common type (插针Pin 6.3*0.8mm)；
D：带安装片with mounting plate (插针pin6.3*0.8mm)； B：有连接线with connecting line
③25℃时零功率电阻值25℃ Zero power Resistance 11981； 11981Ω
④阻值公差Resistance tolerance (F: 1%； G: 2%； H:3%； J:5%)；
⑤B值B constant：常规按25/50℃条件测试；特殊条件加 “*” 说明Conventional test conditions 25/50℃； Special case add “*”
⑥B值允许偏差allowable tolerance of B constant (F: 1%； G: 2%； H:3%； T:特殊精度Special precision)
⑦插头或连接线颜色The plug or cable color； B: 黑色black； W: 白色white

MFS14	X	11981	G	3760*	F	W	(200mm)
①	②	③	④	⑤	⑥	⑦	

技术说明 TECHNICAL SPECIFICATIONS

- ▶ 额定零功率电阻值(R25) The range of resistance under the rated zero power (R25): 0.1 ~ 1000K Ω
- ▶ R₂₅允许偏差The allowable tolerance of R₂₅: ± 1%、± 2%、± 3%、± 5%、± 10%
- ▶ B值 B constant (B_{25/50}):3100 ~ 4500K
- ▶ B值允许偏差The range of B constant: ± 0.5%、± 1%、± 2%
- ▶ 工作温度范围The range of operation temperature: -10℃ ~ +130℃
- ▶ 热时间常数Thermal time constant: ≤22s (在水中in water)
- ▶ 耗散常数Dissipation factor: 3.2mW/℃ (在静止空气中in static air)
- ▶ 额定功率Power rating: ≤50mW