



# FAV-1

平行梁式称重传感器  
Parallel Beam Load Cell

材质： 铝合金  
Materials: Aluminum alloy

FAV-1型采用铝合金材质，无色阳极氧化处理，硅胶密封，Ip65。适用于平台秤、计重秤。

Model FAV-1 is constructed using aluminum alloy material, colorless anodized, silicon rubber seal, Ip65.  
Application: Platform scale and weighing scales.

## 主要技术指标 Specifications

量程 Capacity	100/150/200/250/ 300KG
综合误差 Comprehensive Error	C3
输出灵敏度 Output Sensitivity	2.0±0.2mV/V
非线性 Nonlinearity	±0.02%F.S
重复性 Repeatability	±0.02%F.S
滞后性 Hysteresis	±0.02%F.S
蠕变 Creep	±0.02%(20min)F.S
零点温度漂移 Temperature effect on Zero	≤±0.02%F.S/10°C
额定输出温度漂移 Temperature effect on Output	≤±0.02%F.S/10°C
零点输出 Zero Output	±0.04mV/V
输入电阻 Input resistance	405±10Ω
输出电阻 Output resistance	350±2Ω
绝缘电阻 Insulation Resistance	≥2000MΩ/100VDC
推荐激励电压 Excitation Voltage	5~10 (DC) V
工作温度范围 Temperature compensated	0~40°C
安全过载 Safe overload	150%F.S

