Description

This is a half-bridge load sensor, which is widely used in weight scales. When the half-bridge is being stretched, it sends signal via the red signal wire. You can use multiple load sensors simultaneously to increase the capacity range.

Features

Sturdy material
Up to 50kg sensor range
parallel use to add additional capacity

Specifications

Dimension (mm): 28*28*8
Capacity (kg): 50
Comprehensive error (%F.S): 0.2
Output sensitivity (mv/V): 1.1±0.15
Nonlinearity (%F.S): 0.2
Repeatability (%F.S): 0.1
Hysteresis (%F.S): 0.2
Creep (%F.S/3min): 0.1
Zero Drift (%F.S/1min): 0.1
Temp. Effect on zero (%F.S/10°C): 0.2
Temp. Effect on Output (%F.S/10°C): ±0.15
Zero Output (mv/V): ±0.3
Input Resistance (Ω): 1000±50
Output Resistance (Ω): 1000±50
Insulation Resistance (MΩ): ≤2000 (100VDC)
Excitation Voltage (V): 5~10
Operation Temp. Range (°C): -10~+50
Overload Capacity (%F.S): 150

Method of connecting wire : red= Sig + ; black= Exc –; blue= Exc +

Best-sellers

- Weight Sensor (Load Cell)
- Base Shield V2
- Grove - Piezo Vibration Sens...
- Grove - Universal 4 Pin 20c...

Technical Details

| Dimensions | 60mm x 90mm x 8mm |

Downloaded from Arrow.com.