

Model SPL200

Load cell

Capacity: 1/4 Lb...100 Lb

Material: BeCu(1/4Lb~10LB), S.S(15Lb~100LB)

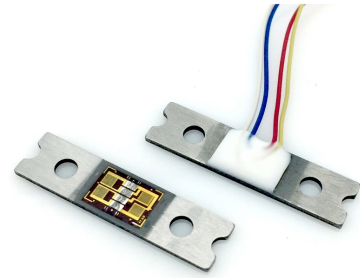
Materontek
Sensing and Internet of Things

Features

- Capacity: 1/4 Lb...100 Lb
- Material: BeCu(1/4Lb~10LB)S.S(15Lb~100LB)
- Protection class: IP65

Application

- Fishing scales



Technical data

Measuring range

Capacity [Lb]	1/4	1	5	10	15	50	100
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Performance

Combined Error	±0.1 %FS
Compensated Temperature Range	0 to 60 °C
Operating Temperature Range	-10 to 40 °C
Temp. Coeff - Zero	±0.03 %FS/°C
Temp. Coeff - Span	±0.03 %FS/°C
Safe Overload	120 %FS
Ultimate Overload	150 %FS
Recommended Platform Size	10x10 ⁵

Electrical @25°C

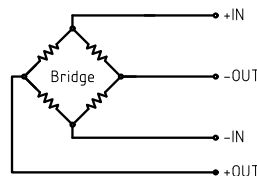
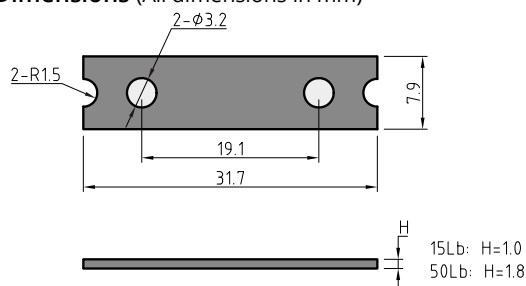
Rated Sensitivity	1.5±0.15 mV/V
Excitation Voltage	6VDC
Insulation Resistance	2000 MΩ@50VDC
Input Resistance[Ω]	350±50/1000±100
Output Resistance[Ω]	350±50/1000±100
Cable Specification	4-color isolated flying wire, L=0.15m

Physical Specifications

Material	Alloy steel
Protection	IP65
Weight	~20g

The listed specifications and dimensions are subject to change without prior notice

Dimensions (All dimensions in mm)



Ordering code

Model	Capacity	Sensitivity	Combined Error	Electrical interfacel	Customized Spec's
SPL200	01 1/4 Lb	A 1.5mV/V	01 0.1%FS	M1 4-color isolated flying wire, L=0.15m	
	02 1 Lb				
	03 5 Lb				
	04 10 Lb				
	05 15 Lb				
	06 50 Lb				
	07 100 Lb				