

# Model SP305

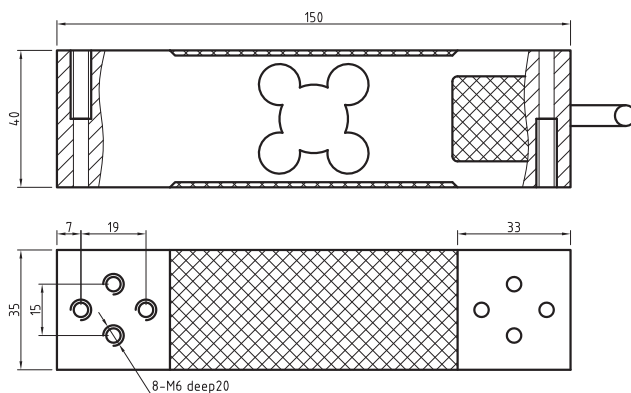


- Capacity: 50 kg...300 kg
- Material: aluminum alloy
- Protection class: IP65
- Application: counting scales, platform scales and other electronic weighing devices.

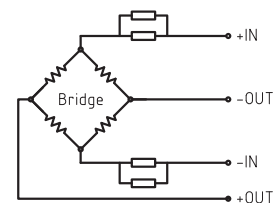
## Performance Specifications

Parameter	Value	Units
Capacity	50, 60, 80, 100, 150, 200, 300	kg
Rated Sensitivity	2.0±0.2	mV/V
Accuracy Class	C3	
Combined Error	±0.02	%FS
Temp. Coeff - Zero	±0.002	%FS/°C
Temp. Coeff - Span	±0.002	%FS/°C
Creep(30min.)	±0.02	%FS
Zero Balance	2	%FS
Input Resistance	405±6	Ω
Output Resistance	350±3	Ω
Insulation Resistance	≥5000	MΩ@50Vdc
Operating Temperature Range	-20 to +50	°C
Compensated Temperature Range	-10 to +40	°C
Excitation Voltage	9 to 12	Vdc
Safe Overload	120	%FS
Ultimate Overload	150	%FS
Recommended Platform Size	250 x 350	mm
Environment Protection	IP65	
Cable Specification	Ø5.3mm cable, L=2m	

## Dimensions (in mm)



## Electrical Connection



## Ordering Information

Model	Capacity	Sensitivity	Combined Error	Electrical interface	Customized Spec's
SP305	50kg	2.0mV/V	0.03%FS	Ø5.3mm cable, L=2m	