

# SSPW Series

## Stainless Steel IP69K Rated Washdown Load Cells



Cardinal Scale's SSPW series stainless steel double bending beam load cells have a low profile design that is hermetically sealed and fully welded at IP69K rating. They are made specifically for light to medium weighing applications and come in 20-kg/44-lb and 75-kg/165-lb capacities. The SSPW series load cells are rated at 3,000 divisions OIML R60 class C. They offer high accuracy with off-center loads for applications such as direct platforms up to 600 x 600 mm / 24 x 24 in and filling scales. 5 m/16 ft load cell cable is provided.

- Double bending beam load cells
- 20 kg / 44 lb and 75 kg / 165 lb capacities
- High-quality stainless steel construction
- Hermetically sealed, fully welded
- IP69K rated ingress protection
- High accuracy with off-center loads
- 3000 divisions
- 5 m / 16 ft load cell cable



### SPECIFICATIONS

Model	SSPW-20KG	SSPW-75KG
Capacity	20 kg / 44 lb	75 kg / 165 lb
Accuracy Class	3,000 n. OIML	4,000 / 3,000 n. OIML
Minimum Division	2 g	7.5 g
Service Load	30 kg	112.5 kg

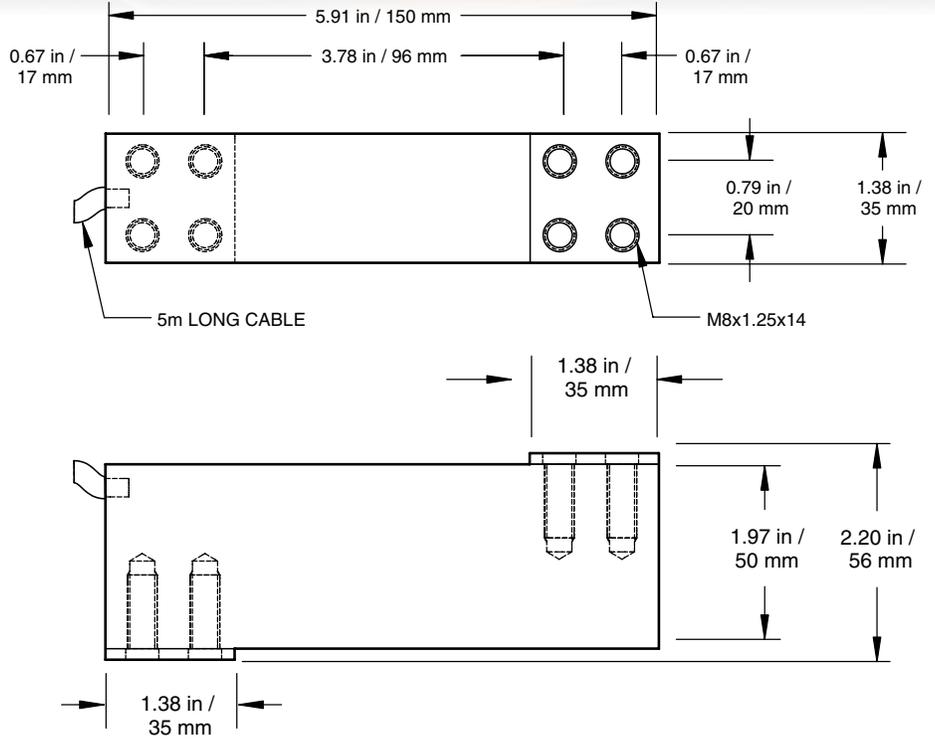
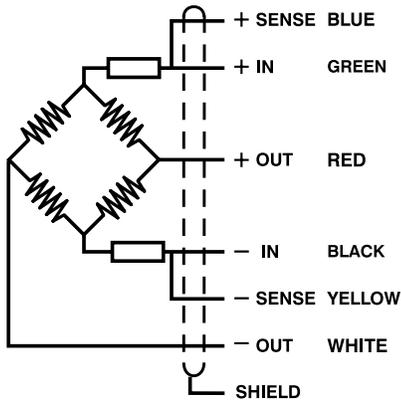
Construction	Stainless Steel
Ingress Protection Rating	IP69K
NTEP Certification	17-136
OIML Certification	R60/2000-GB1-17.13
Minimum Dead Load	0%
Service Load	150% (only for central load on the load cell; not for off-center loads)
Safe Load Limit	200% (only for central load on the load cell; not for off-center loads)
Total Error	< ±0.017 %Sn
Repeatability Error	< ±0.01%Sn
Temperature Effect:	
On Zero	< ±0.01%Sn/5 °C
On Sensitivity	< ±0.006%Sn/5 °C
Creep Error (30 minutes)	< ±0.016%Sn
Temperature Compensation	-10 to +40°C
Temperature Limits	-20 to +70°C
Nominal Sensitivity (Sn)	2 ±10% mV/V
Minimum Input Voltage	5V
Maximum Input Voltage	15V
Input Impedance	400 ±20Ω
Output Impedance	350 ±3Ω
No Load Output	< ±2%Sn
Insulation Resistance	> 5000MΩ
Maximum Deflection (at Ln)	0.3-0.5mm
Net Weight	0.9 kg / 2 lb
Shipping Weight	1.8 kg / 4 lb

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**Model SSPW-20KG Capacity: 20 KG / 44 LB**  
**Model SSPW-75KG Capacity: 75 KG / 165 LB**



## CERTIFICATIONS

The SSPW load cell meets all requirements of OIML R60 and has been issued OIML Certificate No. **R60/2000-GB1-17.13**



The SSPW load cells meet all requirements of Handbook 44, issued by the National Institute of Standards of Technology and have been issued the NTEP Certificate of Conformance No. **17-136**



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