



- **Stainless steel IP68 single point load cell**
- **Hermetically sealed**
- **Suitable for platform scales, belt scales, packaging machines, etc.**
- **Max. Platform size: 350 x 350 mm**

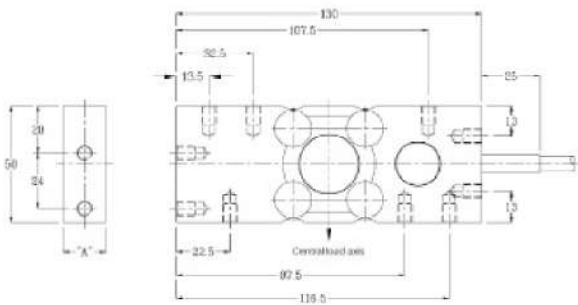
Specifications

Accuracy class		C3	
Output sensitivity (= FS)	mV/V	2.0 ± 0.2 ⁽¹⁾	
Maximum capacity (E _{max})	kg	6, 12	30, 60
Maximum number of load cell intervals (n _{LC})	n _{LC}	3000	
Ratio of minimum LC verification interval $Y = E_{max} / v_{min}$	Y	15000	
Minimum Dead Load Output Return (Z = 1/2 * E _{max} / DR)	Z	3000	6000
Combined Error	%FS	≤ ± 0.020	
Safe overload	of E _{max}	150 %	
Ultimate overload	of E _{max}	300 %	
Zero balance	of FS	≤ ± 1.0 %	
Excitation, recommended voltage	V AC/DC	5 ~ 12	
Excitation maximum	V AC/DC	18	
Terminal resistance, input	Ω	400 ± 3.5	
Terminal resistance, output	Ω	350 ± 3.0	
Insulation impedance	MΩ	≥ 5000 (at 50VDC)	
Temperature range, compensated	°C	-10 ~ +40	
Temperature range, operating	°C	-35 ~ +65	
Element material		Stainless steel 1.4542	
Ingress Protection (according to EN 60529)		IP68	
Recommended torque on fixation bolts	Nm	10	

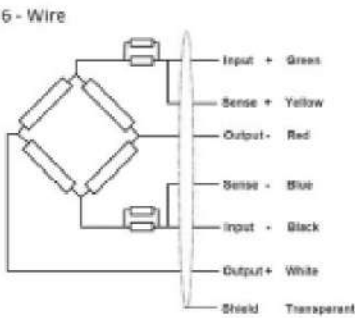
Note 1: Output sensitivity option "S1" is 2.0 ± 0.002 mV/V

Capacity	Accuracy	Part-Number
6 kg	C3	SSM6A-C3-6kg-6B6
12 kg	C3	SSM6A-C3-12kg-6B6
30 kg	C3	SSM6A-C3-30kg-6B6
60 kg	C3	SSM6A-C3-60kg-6B6

Dimensions



Capacity	6 kg	12 kg	30 kg	60 kg
"A" in mm	18.5	18.5	18.5	23.5
All threads are M6x 1 / 8 mm deep				



- ▶ Standard with 6 conductor shielded cable
- ▶ Standard cable length is 6 meter
- ▶ Shield is not connected to load cell element
- ▶ Different cable type or length are available on