

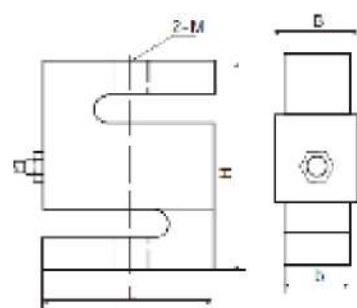


- S-type tension & compression load cell
- 50 kg - 10 t
- Stainless steel construction
- Robust design to industrial standards
- IP67 protection

Specifications

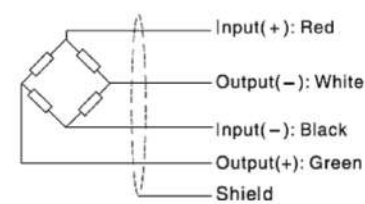
Output sensitivity (= FS)	mV/V	3.0 ± 0.008
Maximum capacity (E_{max})	kg	0..50 kg-10 t
Combined Error	%FS	$< \pm 0.020$
Typical life cycle		10 Mio
Minimum dead load	kg	0
Safe overload	of E_{max}	150%
Ultimate overload	of E_{max}	300%
Zero balance	of FS	$< \pm 1.0 \%$
Excitation, recommended voltage	V	5 ~ 12
Excitation maximum	V	18
Terminal resistance, input	Ω	430 ± 60
Terminal resistance, output	Ω	351 ± 2
Insulation impedance	M Ω	≥ 5000 (at 50VDC)
Temperature range, compensated	°C	-10...+40
Temperature range, operating	°C	-30... +65
Element material		Stainless Steel
Ingress Protection (according to EN 60529)		IP67

Outline dimensions in mm



Dimension	L	H	b	B	M
Capacity - mm					
50 kg	50.8	60.96	11.68	15.06	M8
100 kg	50.8	60.96	11.68	15.06	M8
250 kg	50.8	60.96	18.03	21.41	M12
500 kg	50.8	60.96	18.03	21.41	M12
1 t	50.8	60.96	24.38	27.76	M12
2.5 t	76.2	99.06	24.38	27.76	M20x1.5
5 t	74.68	99.06	30.74	34.12	M20x1.5
7.5 t	87.38	139.7	37.08	40.46	M24x2
10 t	112.78	177.8	42.93	46.31	M30x2

Wiring



- ▶ Shielded 4 Conductor cable 5mm OD
- ▶ Standard cable length 6m
- ▶ Cable type and cable length for customers own application are available on request
- ▶ Shield not connected to element

Ordering information

(Please use the characters in the chart below to create your product code)

Sample Code	SS3G	-	50kg	-	C3
Range					
50kg					
100kg					
250kg					
500kg					
1t					
2,5t					
5t					
7,5t					
10t					
Accuracy					
C3					± 0.020%FS

If you require a customized solution for your program contact our sales team.