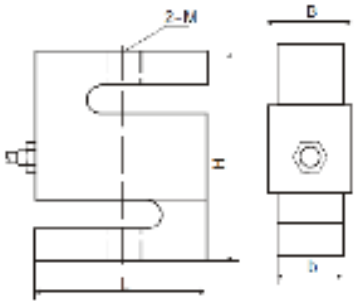


- **S-type tension & compression load cell**
- **50 kg - 10 t**
- **Stainless steel construction**
- **Robust design to industrial standards**
- **IP67 protection**

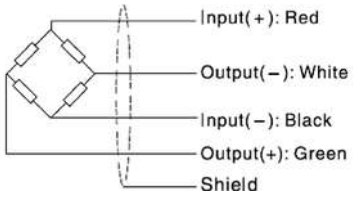
Specifications		
Output sensitivity (= FS)	mV/V	3.0 ± 0.008
Maximum capacity (E_{max})	kg	0..50 kg-10 t
Combined Error	%FS	< ± 0.020
Typical life cycle		10 Mio
Minimum dead load	kg	0
Safe overload	of E_{max}	150%
Ultimate overload	of E_{max}	300%
Zero balance	of FS	<± 1.0 %
Excitation, recommended voltage	V	5 ~ 12
Excitation maximum	V	18
Terminal resistance, input	Ω	430 ± 60
Terminal resistance, output	Ω	351 ± 2
Insulation impedance	MΩ	≥ 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 / Capacity - mm	L	H	b	B	M
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.