



- S-type tension & compression load cell
- 50 kg - 7.5 t
- Alloy steel construction
- Robust design to industrial standards
- IP67 protection

Specification

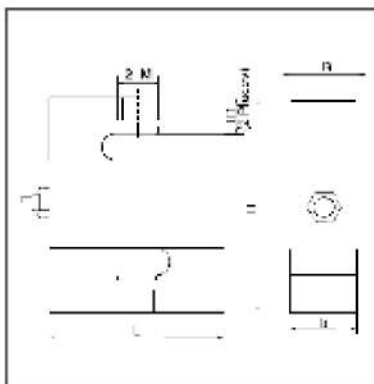
Output sensitivity (= FS)	mV/V	3.0 ± 0.008
Maximum capacity (E _{max})	kg	0.50 kg-7.5 t
Combined Error	%FS	< ± 0.020
Typical life cycle		10 Mio
Safe overload	of E _{max}	150%
Ultimate overload	of E _{max}	300%
Zero balance	of FS	<± 1.0 %
Excitation, recommended voltage	V	5 ~ 12
Excitation maximum	V	18
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		Alloy Steel
Ingress Protection (according to EN 60529)		IP67

Outline dimensions in mm

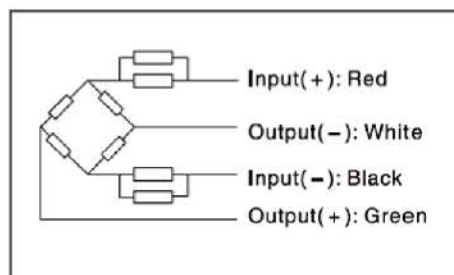
Dimension	L	H	b	B	M	H1
Capacity in mm						
50kg	50.8	63.5	12.7	16.5	M8	
100kg	50.8	63.5	12.7	16.5	M8	
250kg	50.8	63.5	19.05	22.8	M12	10.2
500kg	50.8	63.5	19.05	22.8	M12	
1t	50.8	63.5	25.4	29.2	M12	
2.5t	76.2	101.6	25.4	29.2	M20x1.5	15.2
5t	76.2	101.6	25.4	29.2	M20x1.5	20.2
7.5t	101.6	139.70	31.75	35.5	M24x2	31.0



Äußere Abmessungen



Schaltplan



- 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

Sample Code:

AS3G - xxkg - C3

Type

AS3G - Alloy Steel

Range

50 kg	1t
100 kg	2,5t
250 kg	5t
500 kg	7,5t

Accuracy

C3 $\pm 0,020\%$ FS