



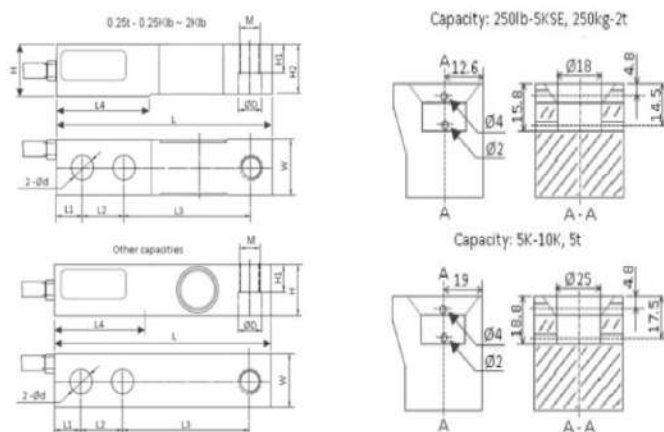
- **Shear beam force sensor**
- **Stainless Steel construction**
- **Robust Design to IP67**
- **For low profile scales and process applications**

Specifications	
Output sensitivity mV/V	3,0 ± 0,008
Maximum capacity	0...250kg - 5t
Combined error % FS	< ± 0.020
Typical life cycle	10 Mio.
Safe overload	150 %
Ultimate overload	300 %
Zero balance of FS	≤ ± 1,0 %
Excitation recommended	5 ...12V
Excitation maximum	18V
Terminal resistance input	350 ± 3,5Ω
Terminal resistance output	350 ± 3,5Ω
Insulation impedance	≥ 5000 MΩ (bei 50VDC)
Temp. Range compensated	-10 ... +40°C
Temp. Range operating	-30 ... +65°C
Material	Edelstahl
Sealing (EN 60529)	IP67

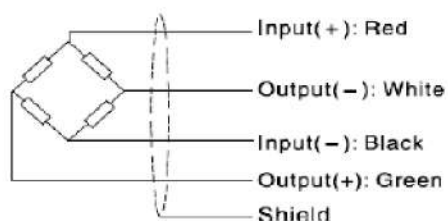
Capacity	L	L1	L2	L3	d	H	W	D	H1	L4	H2	M
0,25t 250lb, 500lb, 750lb, 1k, 2k	130 (5.12)	15.7 (0.62)	25,4 (1.0)	76,2 (3.0)	13,46 (0.53)	30,2 (1.19)	30,7 (1.20)	13,4 (0.53)	14,23 (0.56)	57,15 (2.25)	28,45 (1.12)	M12-6H 1/2-20UNF-2B
0,5t, 1t, 2t 2,5k, 3k, 4k, 15k	130 (5.12)	15.7 (0.62)	25,4 (1.0)	76,2 (3.0)	13,4 (0.52)	31,32 (1.23)	31,32 (1.23)	13,4 (0.53)	15,57 (0.61)	54 (2.12)		M12-6H 1/2-20UNF-2B
5t 5k, 7,5k, 10k, 15k	171 (6.73)	19 (0.75)	38,1 (1.5)	95,2 (3.75)	20,65 19,8 (0.78)	36,8 (1.45)	36,8 (1.45)	20,65 19,8 (0.78)	17,78 (0.7)	76 (2.99)		M20x2.5-6H 3/4-16UNF-2B
20k	222,25 (8.75)	25,4 (1.0)	50,8 (2.0)	120,7 (4.75)	26,9 (1.06)	49,5 (1.95)	49,5 (1.95)	27,56 (1.08)	24,78 (0.97)	100 (3.95)		1-12UNF-2B



Outline dimensions in mm



Wiring



- ▶ Shielded, 4 conductor cable
- ▶ Diameter: Ø 5mm
- ▶ Standard cable length: 6m
- ▶ Shield not connected to the element



Ordering information

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

Sample Code SS8D - 250kg - C3

Range	
250kg	
500kg	
1t	
2t	
5t	

Accuracy	
C3	± 0.020 % FS