

## Type SBS MultiMount™ weigh modules



### Short Description

#### Features:

- High stability
- A variety of installation methods are available
- Can be non-standard customized
- Anti-interference signals are stable
- High quality alloy steel
- It is widely used in reactor, ingredient tank, hopper and material Warehouse, tank, cement mixing station, chemical medicine and food Industry and other ingredients weighing areas

#### Available Models

P/N	Capacity	Accuracy	Full Article Description
722082012-01	3t	C3/C4/C5	SBS-C3/C4/C5-3t-4B
722082013-02	5t	C3/C4/C5	SBS-C3/C4/C5-5t-4B
722082014-03	10t	C3/C4/C5	SBS-C3/C4/C5-10t-4B

## Type SBS Load Cell

### Technical Specifications SBS

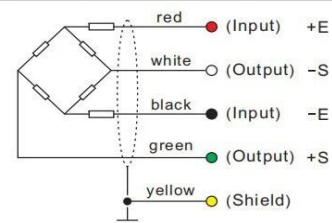
Accuracy Class		OIML R60 C3	OIML R60 C4	OIML R60 C5
Output Sensitivity ( = FS )	mV/V	2.0 ± 0.2 / 3.0 ± 0.2		
Maximum Capacity ( Emax )	kg	3t,5t,10t		
Max. Number of Load Cell Intervals	nLc	3000	4000	5000
Ratio of min. LC Verification Interval	Y = Emax / vmin	10000	15000	20000
Combined Error	%FS	≤± 0.020	≤± 0.018	≤± 0.014
Minimum dead load	Of Emax	0%		
Safe overload	of Emax	150 %		
Ultimate overload	of Emax	300 %		
Zero balance	of FS	< ± 2.0 %		
Excitation, recommended voltage	V	5 ~ 12		
Excitation maximum	V	18		
Input resistance	Ω	385 ± 20		
Output resistance	Ω	350 ± 3.5		
Insulation resistance	MΩ	≥5000 ( at 50VDC )		
Compensated temperature	°C	-10 ~ +40		
Operating temperature	°C	-35 ~ +65		
Storage temperature	°C	-40 ~ +80		
Element material		Nickel plated alloy steel		
Ingress Protection (acc. to EN 60529)		IP67		
Recommended torque on fixation bolts	Nm	M12: 75	M18:500	M24:750
ATEX classification (optional)		II1G Ex ia II1C T4 II1D Ex iaD 20 T73°C II3G nL IIC T4		

### Wiring

Features:

- Shielded, 4 conductor cable.
- Cable diameter: Ø5.3mm.
- Standard cable length for : 3m
- cable length for(3t,5t,10t : 6m)
- Shield connected to element.
- Cable jacket in PVC.

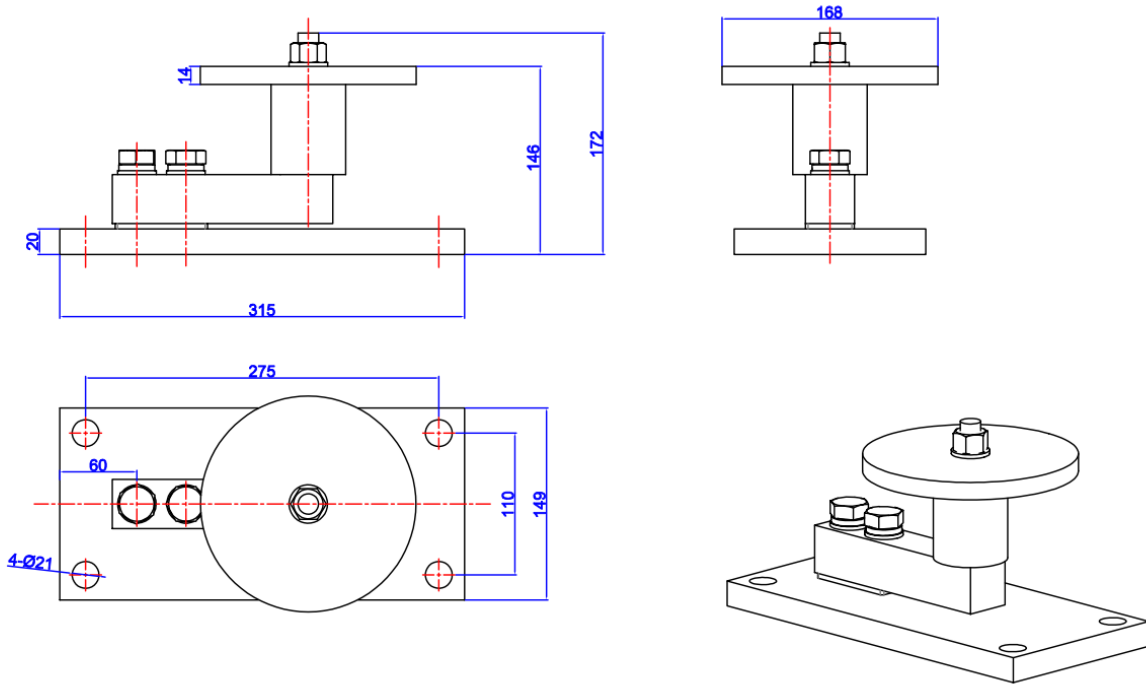
#### Mode of Connection





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Dimensions in mm

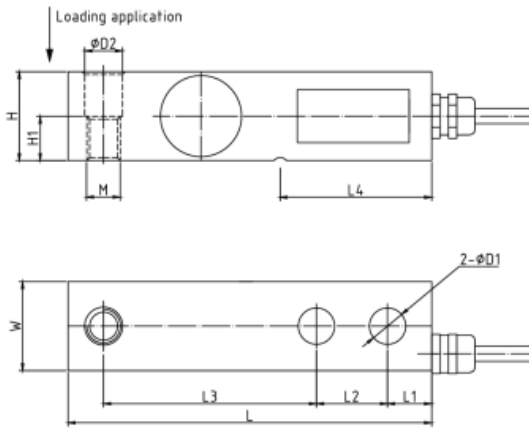


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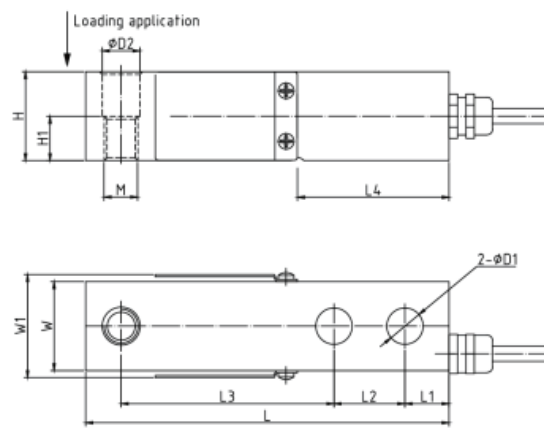
## Dimensions in mm SBS

### Dimensions (mm&inch):

Capacity: 0.5t-10t / 1klb-20klb



Capacity: 50kg-250kg / 100lb-500lb



Rated Capacity	L	L1	L2	L3	L4	D1	D2	H	H1	W	W1	M
lb/inches												
100-500	5.12	0.62	1.00	3.00	2.13	0.51	0.53	1.25	0.62	1.25	1.45	1/2-20 UNF-2B
1,000-4,000; 5,000SE	5.12	0.62	1.00	3.00	2.13	0.51	0.53	1.25	0.62	1.25	-	1/2-20 UNF-2B
5,000-10,000	6.75	0.75	1.50	3.75	3.04	0.77	0.81	1.50	0.87	1.50	-	3/4-16 UNF-2B
15,000-20,000	8.75	1.00	2.00	4.75	4.00	1.03	1.03	2.00	1.00	2.00	-	1-14 UNS-2B
kg/mm												
50-250	130.0	15.8	25.4	76.2	54.2	13.0	13.5	31.8	15.8	31.8	36.8	M12×1.75
500-2,000	130.0	15.8	25.4	76.2	54.2	13.0	13.5	31.8	15.8	31.8	-	M12×1.75
3,000-5,000	171.5	19.1	38.1	95.3	77.2	19.5	20.6	38.1	22.0	38.1	-	M18×1.50
7,500-10,000	222.3	25.4	50.8	120.7	101.6	26.0	26.0	50.8	25.4	50.8	-	M24×2.00