



Model: **H8C**

Single Ended Beam



## Features

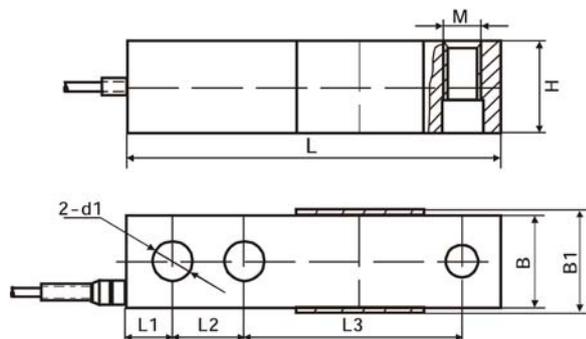
- Capacities: 0.5t ~ 10t
- High accuracy
- Alloy steel construction
- Low profile and nice exterior
- With OIML approval: (PTB: D09-03.19 2)



## Specifications

Capacity	t	0.5 / 1 / 1.5 / 2 / 2.5 / 3 / 5 / 10		
Accuracy Class		C2	C3	C4
Max. Number of Verification Intervals	$n_{max}$	2000	3000	4000
Minimum Loadcell Verification Interval	$V_{min}$	$E_{max}/5000$	$E_{max}/10000$	$E_{max}/14000$
Combined Error	%FS	$\leq \pm 0.030$	$\leq \pm 0.020$	$\leq \pm 0.018$
Creep	%FS/30min	$\leq \pm 0.024$	$\leq \pm 0.016$	$\leq \pm 0.012$
Temperature Effect on Sensitivity	%FS/10°C	$\leq \pm 0.017$	$\leq \pm 0.011$	$\leq \pm 0.009$
Temperature Effect on Zero	%FS/10°C	$\leq \pm 0.023$	$\leq \pm 0.015$	$\leq \pm 0.010$
Output Sensitivity	mv/v	2.0 ± 0.002		3.0 ± 0.003
Input Resistance	$\Omega$	350 ± 3.5		
Output Resistance	$\Omega$	351 ± 2.0		
Insulation Resistance	M $\Omega$	$\geq 5000(50VDC)$		
Zero Balance	%FS	1.0		
Temperature, Compensated	°C	-10 ~ +40		
Temperature, Allowed	°C	-35 ~ +65		
Excitation, Recommended	v	5 ~ 12(DC)		
Excitation, Max	v	18(DC)		
Safe Overload	%FS	120		
Ultimate Overload	%FS	150		

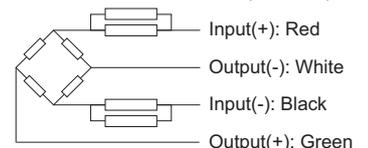
## Dimension



Note: Dimensions in millimeters

Capacity	L	L1	L2	L3	H	B	B1	d1	M
0.5 ~ 2 t	130	15.8	25.4	76.2	31.8	31.8	34	13.5	M12 × 1.75
2.5 ~ 5 t	171.5	19.1	38.1	95.3	38.1	38.1	40	19.8	M18 × 1.5
10 t	222.3	24.5	50.8	120.7	50.8	50.8	52.4	26 26.92	M24 × 2

**Wiring:**  
Standard cable length: 4m(0.5 ~ 2t)  
6m(2.5 ~ 10t)



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