

# HD-I / HD-II

Rabbit Control Systems  
Automation & Control Engineering



## Technical Specs

- U-shape beams
- With bottom-border frame
- Zemic HM9B load cells (alloy-steel, OIML approval)
- With junction box and 15m cable
- Yaohua indicator (aluminum case, dynamic, without built-in mini printer)



### Zemic HM9B Specifications

Capacity	t	10/20/25/30/40		
Accuracy Class		C1	C2	C3
Max. Number of Verification Intervals	$n_{max}$	1000	2000	3000
Minimum Loadcell Verification Interval	$V_{min}$	$E_{max}/3000$	$E_{max}/5000$	$E_{max}/7500$
Combined Error	%FS	$\leq \pm 0.050$	$\leq \pm 0.030$	$\leq \pm 0.020$
Creep	%FS/30min	$\leq \pm 0.038$	$\leq \pm 0.023$	$\leq \pm 0.016$
Temperature Effect on Sensitivity	%FS/10°C	$\leq \pm 0.028$	$\leq \pm 0.017$	$\leq \pm 0.011$
Temperature Effect on Zero	%FS/10°C	$\leq \pm 0.047$	$\leq \pm 0.029$	$\leq \pm 0.019$
Output Sensitivity	mv/v	2.0 ± 0.002		
Input Resistance	$\Omega$	700 ± 7		
Output Resistance	$\Omega$	703 ± 4		
Insulation Resistance	M $\Omega$	≥ 5000(50VDC)		
Zero Balance	%FS	1.5		
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		