

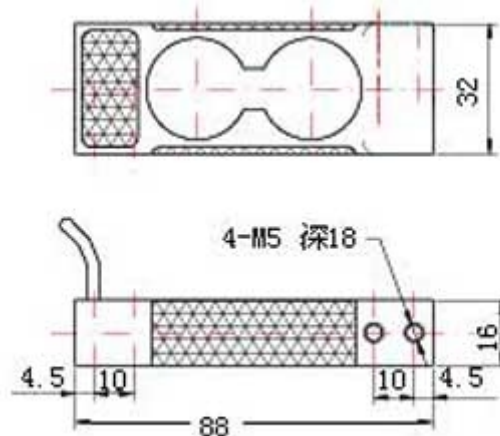
■ EX103



Single-ended, aluminum Load Cell.
Mainly used for electronic scale,
balance, capacity measure and
industrial weighing system.

Specifications	Unit	Technical Index
Capacity : 0.5, 1, 2, 3, 5, 10 kg		
Rated Output	mV / V	$2.0 \pm 10 \% (1.0 \text{ mv} / \text{v} / 0.5 \text{ kg})$
Zero Balance	% F.S.	± 2
Non - Linearity	% F.S.	0.02
Hysteresis	% F.S.	0.02
Repeatability	% F.S.	0.02
Creep (30min)	% F.S.	0.03
Temperature Effect on Output	% F.S. / 10°C	0.025
Temperature Effect on Zero	% F.S. / 10°C	0.025
Input Impedance	Ω	410 ± 30
Output Impedance	Ω	350 ± 3
Insulation	$\text{M}\Omega$	$> 2000 / 50 \text{ VDC}$
Recommended Excitation	V	10
Maximum Excitation	V	15
Compensated Temperature Range	$^{\circ}\text{C}$	$- 10 \sim 40$
Operation Temperature Range	$^{\circ}\text{C}$	$- 20 \sim 60$
Safe Overload	% F.S.	150
Ultimate Overload	% F.S.	300
Cable Size	mm	$\varnothing 3 \times 400$
Platform Size	mm	250×300

Red : + Excitation Black : + Excitation Green : + Signal White : + Signal



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