

ZEMIC



H8KA



FEATURES

- Nickel plated alloy steel IP67 shear beam load cell.
- Adhesive sealed suitable for industrial weighing, bed weighing, etc.
- High accuracy.
- High reliability.

SPECIFICATION

Maximum capacity (E _{max})	t	1.0/2.5/5.0/10
Output sensitivity	mV/V	2.2±0.002
Accuracy class		C3
Combined error	%FS	±0.02
Creep error	%FS	±0.016
Temperature effect on zero balance	%FS/10°C	±0.015
Temperature effect on sensitivity	%FS/10°C	±0.011
Zero balance	%FS	±1.0
Input resistance	Ω	376±8
Output resistance	Ω	350±3
Insulation resistance	MΩ	≥5000 (50VDC)
Compensated temperature	°C	-10~+40
Operating temperature	°C	-35~+70
Excitation, recommended voltage	V	5 to 12 DC
Excitation maximum	V	18 DC
Safe overload	%FS	150
Ultimate overload	%FS	300
Element Material		Alloy steel
Surface treatment		Nickel plated
Ingress Protection		IP67

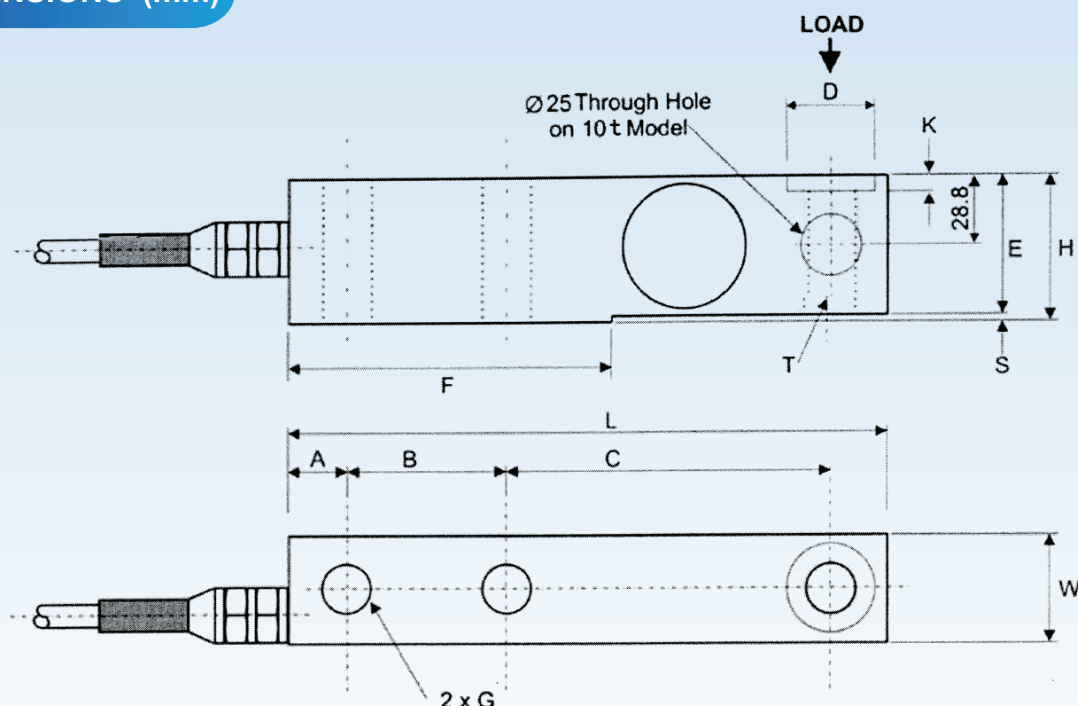
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DIMENSIONS (mm)



CAP t	A	B	C	D	E	F	G	H	K	L	S	T	W
1.0	14.0	38	61.5	12.5	27.0	64	10.5	29.5	3.0	124.0	2.5	M12×1.75 with 10.3 ID	26.5
2.5 5.0	21.0	60	88.0	31.0	42.5	103	49.0	49.0	4.0	189.0	6.5	M24×3 with 21.25 ID	40.0
10	25.0	60	117	41.0	57.5	118	67.0	67.0	4.0	226.5	9.5	M30×3.5 with 26.5 ID	47

WIRING

- Cable diameter: Ø5mm.
- Standard cable length for 1t: 3m and 6m for the higher capacities.
- Shield in not connected to the element.

