



Applications:

- Nickel plated alloy steel, IP67 “S” type load cell
- Tension and compression applications
- Suitable for hanging, hopper and other weighing devices
- Consente applicazioni nell’ambito della tensione e compressione Nickel plated alloy
- OIML certificate: R60/2000-CNI-00.01
- NTEP certificate : 06-099A1

Nominal load:

OIML C3 → Kg: 50, 100, 250,

C3 → Kg: 500, 1000, 2500, 5000, 7500



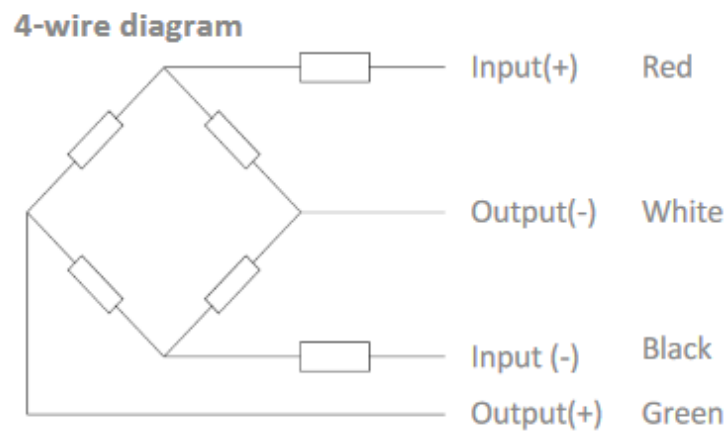
LOAD CELL TYPE H3G

Detailed specifications

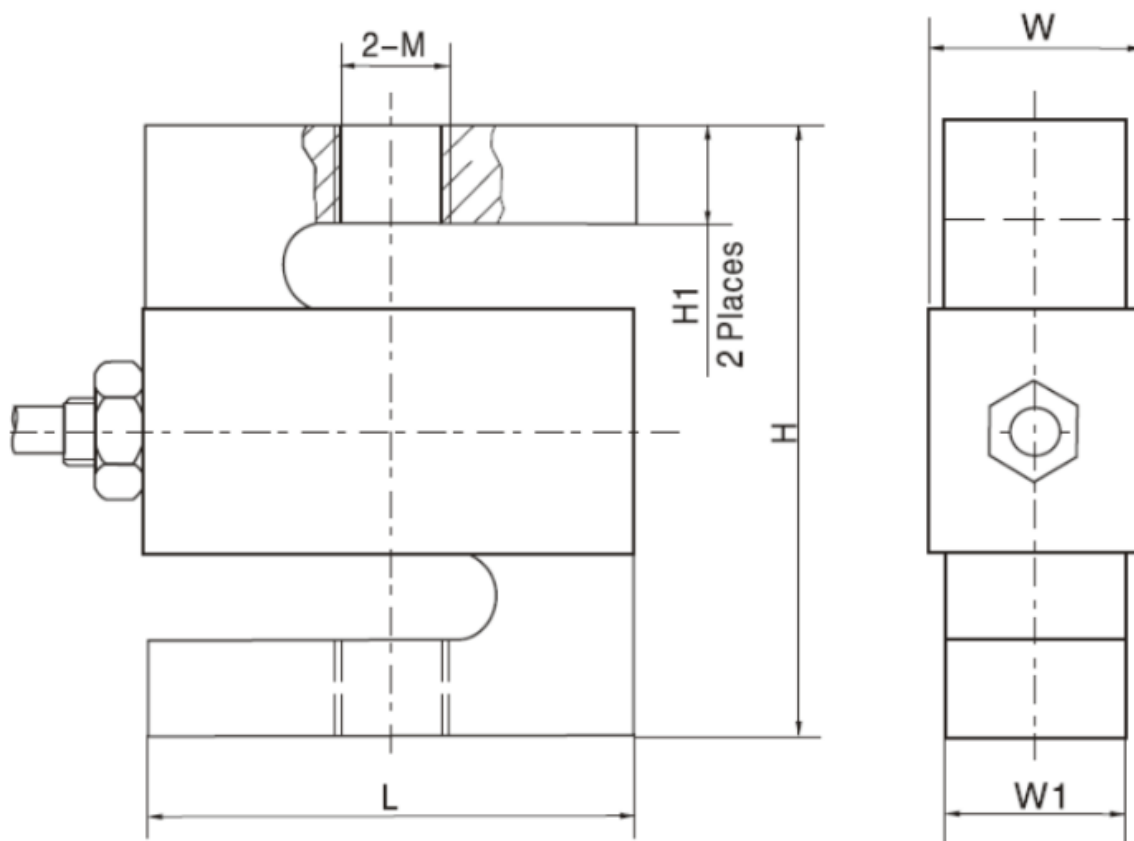
Accuracy class		OIML R60 C3	C3
Output sensitivity	mV/V	3.0±0.008	
Maximum capacity (E _{max})	t	0,05/0,1/0,25	0,5/1/2,5/5/7,5
Max number of load cell intervals	nLC	3000	
Combined error	%FS	≤± 0.020	
Minimum dead load	of E _{max}	0%	
Safe overload	of E _{max}	150%	
Ultimate overload	of E _{max}	300%	
Zero balance	of FS	< ± 1.0%	
Excitation, recommended voltage	V	5 ~ 12	
Excitation maximum	V	18	
Input resistance	Ω	430±60	
Output resistance	Ω	351±2,0	
Insulation resistance	MΩ	≥5000 (at 50VDC)	
Compensated temperature	°C	-10 ~ +40	
Operating temperature	°C	-35 ~ +65	
Storage temperature	°C	-40~ +70	
Element material		Nickel plated alloy steel	
Ingress protection (acc. to EN 60529)		IP67	
Recommended torque on fixation	Nm	M8:25 M12:75 M20:450 M24:750	
ATEX classification (optional)		II1G Ex ia II1C T4/II1D Ex iaD 20 T73°C/II3G nL IIC T4	

Wiring

- Shielded, 4 conductor cable
- Cable diameter: Ø5mm
- Standard cable length: 6m
- Shield not connected to element



Dimensions in mm



Dimensions Capacities	L	H	H1	W1	W	H1	M
50-100kg	50.8	63,5	10,16	12,7	16,5	10,2	M8x1,25
250-500kg	50.8	63,5	10,16	19,05	22,8	10,2	M12x1,75
1 t	50.8	63,5	10,16	25,4	29,2	10,2	M12x1,75
2,5 t	76.2	101.6	15,2	25,4	29,2	15,2	M20x1,5
5 t	76,2	101.6	20	25,4	29,2	20	M20x1,5
7,5t	101,6	139,7	30	31,75	35,5	31	M24x2