

# SUN SCALE



## SHS Metric Load Cell

- **Stainless Steel** construction
- Capacities from 250 Kg to 5 Ton
- 3 mv/v output
- Metric threads

### SPECIFICATIONS

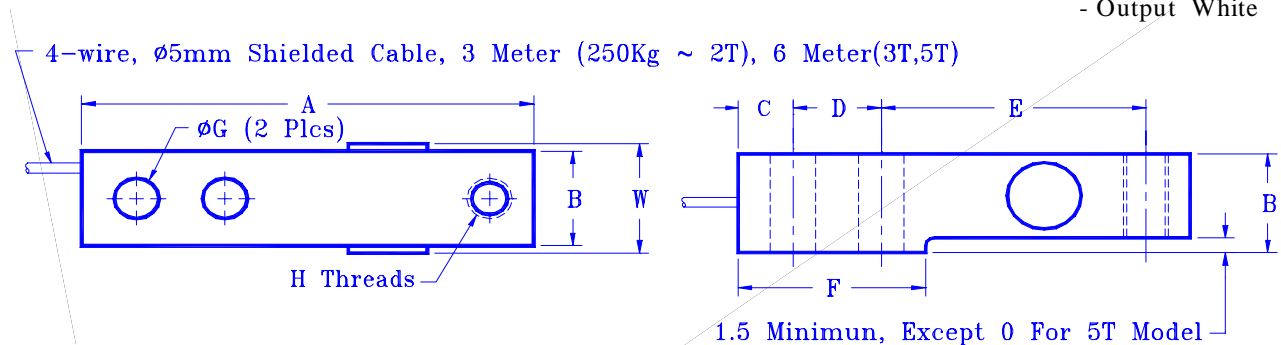
Accuracy Class ( max. number of intervals)	C1 (1000)	C2 (2000)
Rated Capacities	250Kg, 500Kg, 1T, 2T, 3T, 5T	
Combined Error (% of R.O.)	0.035	0.025
Non-Repeatability (% of R.O.)	0.015	0.010
Minimum Division Size (v min., % of R.O.)	0.030	0.015
Temperature Coefficient		
Output (ppm/ °C, of load)	16	10
Zero (ppm/ °C, of R.O.)	42	21
Creep Return (% of load, 30 Min.)	0.050	0.025
Rated Output (mv/v)	3 ± 0.25%	
Zero Balance (% of R.O.)	± 2	
Excitation (Volt)	10 recommended, 15 Max.	
Input Impedance (Ω)	385 ± 10	
Output Impedance (Ω)	350 ± 1%	
Operating Temperature Range ( °C)	-40 to +60	
Environmental Protection (DIN)	IP 65	
Safe Overload (% of R.O.)	150	
Deflection (mm, @ Rated Capacity)	0.3, 0.5, 0.8, 1.0, 1.1, 1.4	

Example for Order Number: **SHS-5T-C2**, **SHS**: load cell type, **5T**: capacity in kg or ton,  
**C2**: accuracy class, OIML Class C 2000 divisions.

### DIMENSIONS

Wiring Code:

- +Input Red
- Input Black
- +Output Green
- Output White



Capacity	A	B	C	D	E	F	øG	H	W
250Kg 500Kg 1T,2T	130	31.2	15.9	25.4	76.2	57.2	13.0	M12*P1.75	36.0
3T,5T	171	37.5	19.1	38.1	95.3	76.2	21.0	M20*P2.5	42.0