



SUN SCALE



MSH Load Cell

- **Stainless Steel** construction
- Capacities from 250 Kg to 1 Ton
- 2 mv/v output
- High accuracy
- OIML Approved Class C4

Certificate No. R60/2000-NL-00.11

SPECIFICATIONS

Accuracy Class (max. number of intervals)	C1 (1000)	C3 (3000)	C4 (4000)
Rated Capacities	250Kg, 500Kg, 1T		
Combined Error (% of R.O.)	0.035	0.017	0.010
Non-Repeatability (% of R.O.)	0.015	0.010	0.008
Minimum Division Size (v min., % of R.O.)	0.030	0.010	0.008
Temperature Coefficient			
Output (ppm/ °C, of load)	16	5	3
Zero (ppm/ °C, of R.O.)	42	14	11
Creep Return (% of load, 30 Min.)	0.050	0.017	0.013
Rated Output (mv/v)	2 ± 0.25%		
Zero Balance (% of R.O.)	± 2		
Excitation (Volt)	10 recommended, 15 Max.		
Input Impedance (Ω)	385 ± 10		
Output Impedance (Ω)	400 ± 1%		
Operating Temperature Range (°C)	-40 to +60		
Environmental Protection (DIN)	IP 68		
Safe Overload (% of R.O.)	150		
Deflection (mm, @ Rated Capacity)	0.36, 0.47, 0.70		

Example for Order Number: **MSH-500-C4**, **MSH**: load cell type, **500**: capacity in kg,
C4: accuracy class, OIML Class C 4000 divisions.

DIMENSIONS

