

Platform Load Cell, Model HPS

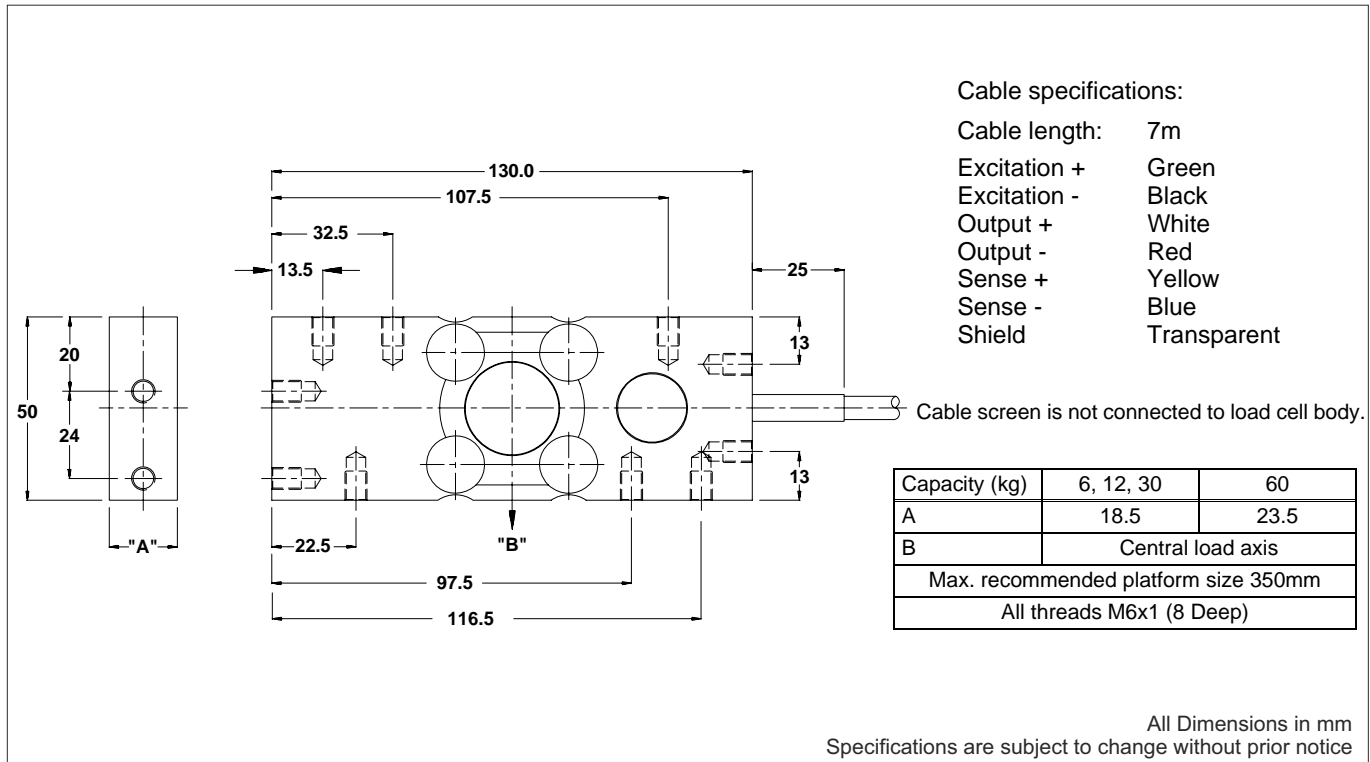
- Approved to OIML R60 3000 D
- Maximum platform size 350 x 350 mm
- Available in capacities from 6 kg to 60 kg
- Robust stainless steel construction
- Hermetically sealed to IP68
- Ideal for platform & floor scales in harsh environments
- 6-wire sense technique with shielded cable
- Optional Hazardous area approval (ATEX) available

Technical Data

Model HPS

GRADE		Non-Approved	C3
Number of Load Cell Intervals	n (max)		3000
Minimum Utilisation	% Rated Cap.		25
Minimum Verification Interval	Vmin=Emax/.		12000
Total Error	% Rated Load	0.050	0.020
Zero Return after 30 mins	% Appl. Load	0.050	0.0167
Temperature Effect on : Span	%Appl. Ld./5°C	0.025	0.0045
Zero	%Rated Ld/5°C	0.025	0.0058
Output at Rated Load (ORL)	mV/V		2
Output at Rated Load Tolerance	%		± 10
Input Impedance	Ohm		400 ± 6
Output Impedance	Ohm		350 ± 7
Maximum Excitation Voltage	V		15
Compensated Temp. Range	°C		-10 to +40
Operating Temperature Range	°C		-40 to +80
Deflection	mm	0.24±0.02 / 0.19±0.01 / 0.15±0.01 / 0.22±0.03	
Safe Overload	% Rated Cap.		150
Maximum Safe Side Load	% Rated Cap.		100
Ultimate Overload	% Rated Cap.		300
Cable Length	m		7
Typical Platform Size	mm		350 x 350
Environmental Protection			IP66 & IP68
Rated Capacities (Emax)	Kg		6, 12, 30, 60

Dimensions



DS-HPS,11/17