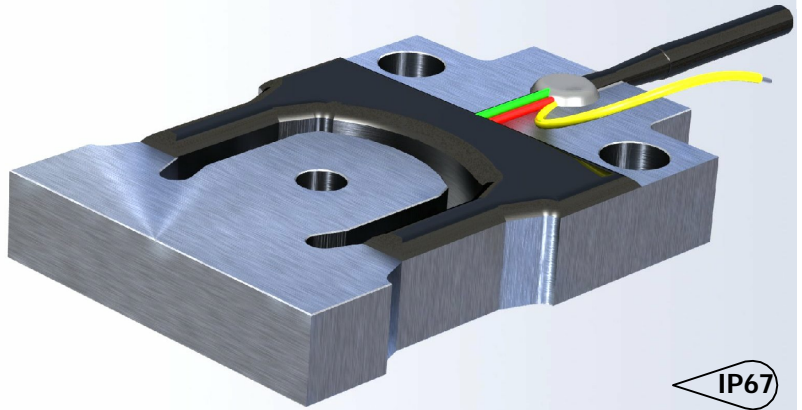


The type HPB series planar beam load cells are commonly used in a variety of weighing applications. They are normally installed in sets of 3 or 4 under a platform in conjunction with a summing network. It's low profile construction is ideal for scale design where space is limited such as postal scales, airport baggage scales or retail checkout scales.



FEATURES

- Capacities from 2.5 to 100kg.
- Aluminum construction.
- Low profile design.
- Environmental Protection IP67.

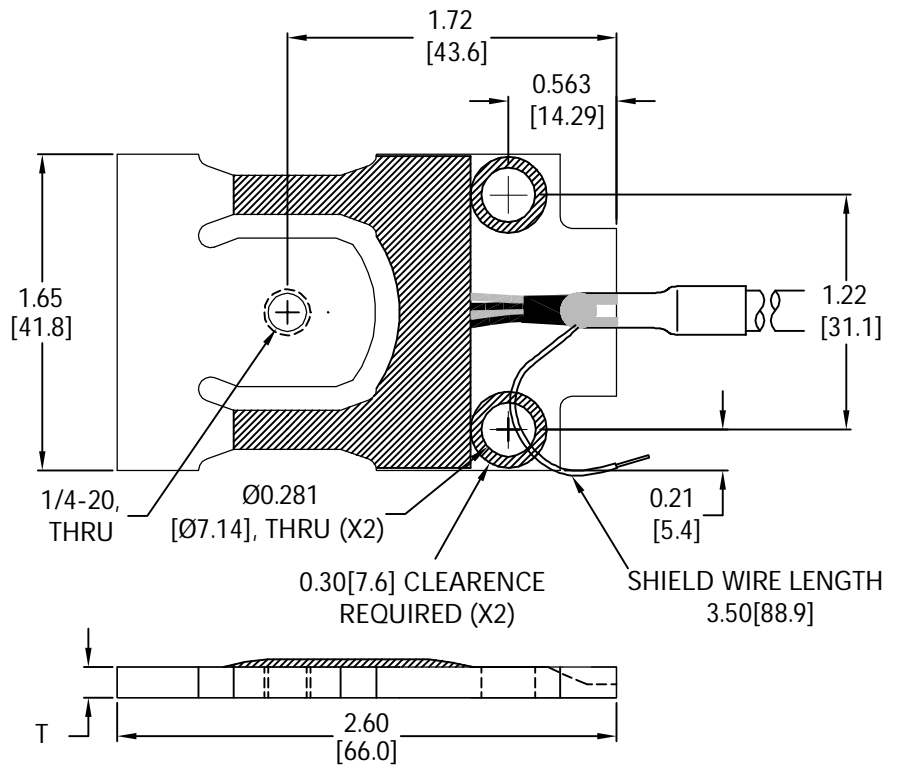
APPLICATIONS

- Postal scales, airport baggage scales or retail checkout scales.

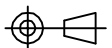
OPTIONS

- Color coded ribbon cable version.
- AMP #5-103957-4 Connector version.

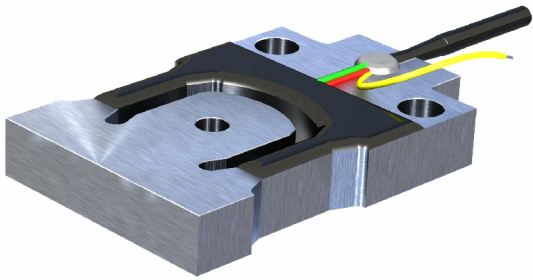
OUTLINE DIMENSIONS



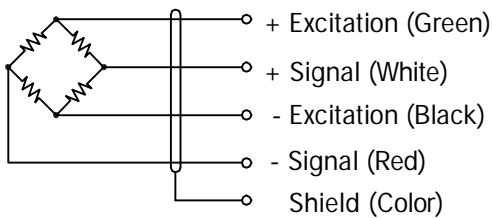
CAPACITY/ (kg)	T / in(mm)
2.5	0.062[1.57]
5	0.080[2.03]
7.5	0.100[2.54]
10	0.118[3.00]
20	0.160[4.06]
50	0.250[6.35]
100	0.375[9.53]



planar beam
HPB
6003



WIRING



Cable : 28 AWG, 4 Conductor cable with shield.

SPECIFICATIONS

Model	6003		
Capacities	kg	2.5/ 5/ 7.5/ 10/ 20/ 50/ 100	
Full scale output (FS)	mV/V	1.0±0.1%	
Calibration in mV/V/Ω	%	≤±0.05	
Combined error	%FS	≤±0.02	
Non-linearity	%FS	≤±0.02	
Hysteresis	%FS	≤±0.02	
Creep @ 30min	%FS	≤±0.06	
Zero balance	%FS	≤±5	
Temperature effect			
	Output	%FS/10°C	≤±0.04
	Zero	%FS/10°C	≤±0.02
Temperature range			
	Compensated	°C	-10... +40
	Operating	°C	-10... +65
Terminal resistance			
	Input resistance	Ω	1165±10
	Output resistance	Ω	1000±5
Excitation voltage	VDC	5... 15	
Insulation resistance @ 50V DC	MΩ	≥5000	
Safe overload limit	%FS	300	
Ultimate load	%FS	400	
Cable length	ft	6	
Seal type	IP67		
Element material	Aluminum		

PART NUMBERS

Capacity (kg)	Part #
2.5	6003-004-00
5	6003-000-00
7.5	6003-005-00
10	6003-001-00
20	6003-002-00
50	6003-006-00
100	6003-003-00

Dimensions and specifications subject to change without notice