

The type GPB is a very low profile load cell. Its unique design allows for great flexibility in scale design.



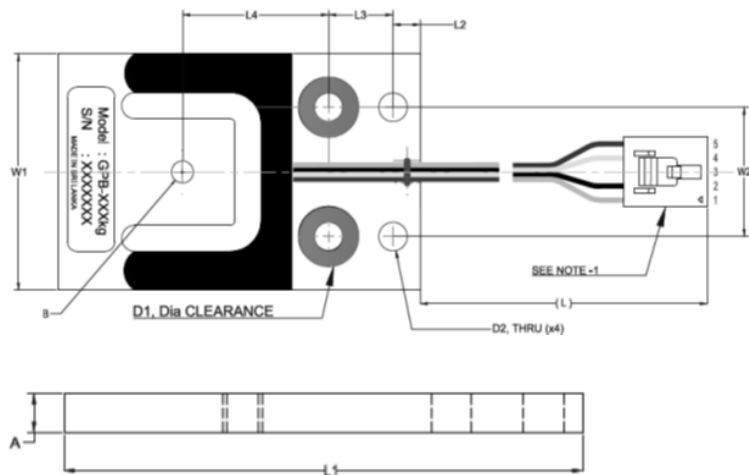
FEATURES

- Capacities; 3.75, 15, 37.5, 75, 150kg
- Aluminum construction
- Environmental Protection IP67
- Very low profile design
- High input resistance
- Calibration in mV/V/Ω for accuracy class C3
- OIML and NTEP approved.

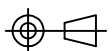
APPLICATIONS

- Compact scales
- Special applications in medical
- Bench & Floor Scales
- Retail & Counting Scales

OUTLINE DIMENSIONS

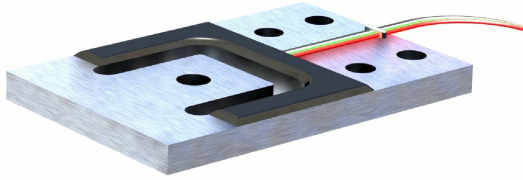


TYPE	CAPACITIES kg	DIMENSIONS INCH(mm)									
		A	B	L1	L2	L3	L4	W1	W2	D1	D2
GPB 3.75kg	3.75	0.08[2.0]	0.19 [4.8] THRU ALL	2.76[70.0]	0.19[4.9]	0.55[14.0]	1.10[28.0]	1.53[39.0]	1.09[27.8]	0.30[7.6]	0.20[5.1]
GPB 15kg	15	0.16[4.1]	0.19 [4.8] THRU ALL	2.76[70.0]	0.19[4.9]	0.55[14.0]	1.10[28.0]	1.53[39.0]	1.09[27.8]	0.30[7.6]	0.20[5.1]
GPB 37.5kg	37.5	0.19[4.8]	0.29[7.5] THRU ALL	3.00[76.2]	0.24[6.0]	0.59[15.0]	1.15[29.3]	1.75[44.5]	1.18[30.0]	0.55[14.0]	0.25[6.6]
GPB 75kg	75	0.25[6.4]	1/4-20 THRU ALL	3.32[84.4]	0.25[6.4]	0.59[15.0]	1.34[34.0]	2.16[54.8]	1.18[30.0]	0.55[14.0]	0.25[6.6]
GPB 150kg	150	0.31[7.9]	5/16-18 THRU ALL	4.22[107.3]	0.31[7.8]	0.90[22.9]	1.81[46.9]	2.75[69.9]	1.75[44.5]	0.55[14.0]	0.32[8.1]

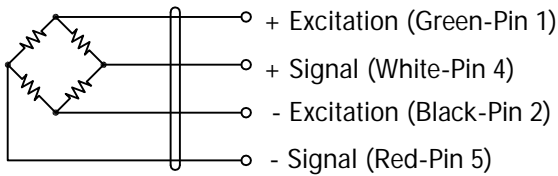


planar beam

GPB 6001



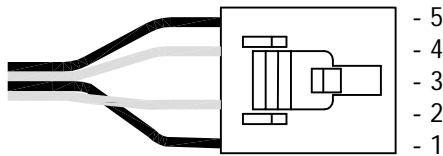
WIRING



CABLE : 26AWG 26 AWG COLOR CODED
AMPHENOL RIBBON CABLE

CONNECTOR : 5CKT IDC CONN 22-26AWG POLAR
LATCHING GOLD AMP#103957-4

PIN CONFIGURATION :



SPECIFICATIONS

Model	GPB 6001		
Capacities	kg	3.75/15/37.5	
		/75/150	
Full scale output(FS)	mV/V	0.9±0.1%	
Minimum dead load	kg	0	
Calibration in mV/V/Ω	%	±0.05	
Combined error	%FS	≤±0.02	
Creep@30min	%FS	≤±0.017	
Zero Balance	%FS	≤±2	
Temperature effect			
	Output	%FS/10°C	≤±0.03
	Zero	%FS/10°C	≤±0.03
Temperature range			
	Compensated	°C	-10... +40
	Operating	°C	-10... +65
Terminal resistance			
	Input resistance	Ω	1181±30
	Output resistance	Ω	1000±5
Excitation voltage	VDC	5... 15	
Insulation resistance@50VDC	MΩ	≥5000	
Safe overload limit	%FS	150	
Ultimate load	%FS	200	
Seal type		IP67	
Cable length	IN	18_0+1	
Cable type	26 AWG Color Coded Amphenol Ribbon Cable		
Element material	Aluminum		

Dimensions and specifications subject to change without notice



“WE TAKE THE LOAD OFF YOUR MIND”

Group Four Transducers
 22 Deer Park Drive,
 E. Longmeadow, MA 01028
 www.groupfourtransducers.com

Phone : (800) 419 1444
 Fax : (413) 525 -6182
 sales@group-4.com