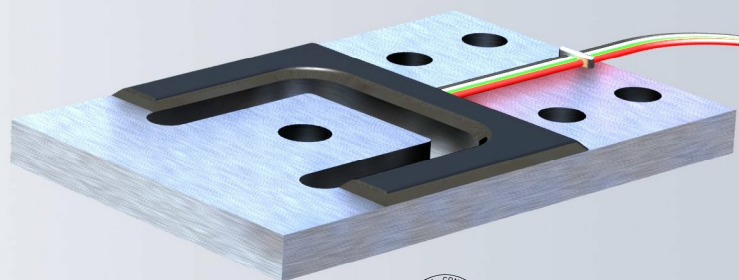


The type GPB is a very low profile load cell. Its unique design allows for great flexibility in scale design.



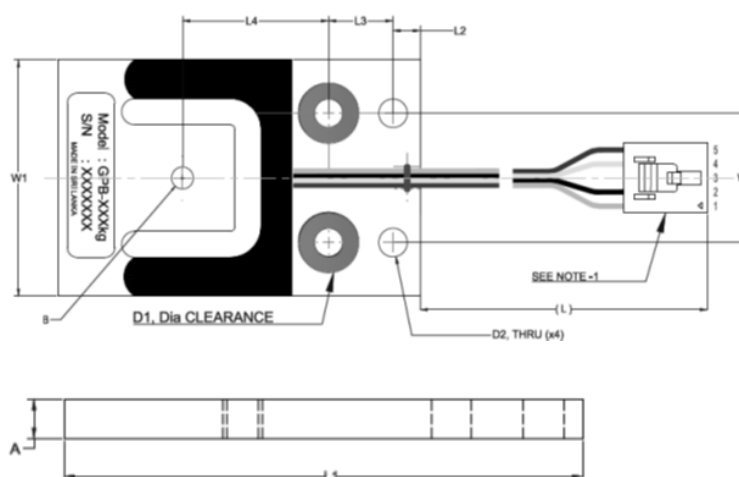
FEATURES

- 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.

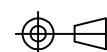
APPLICATIONS

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

OUTLINE DIMENSIONS

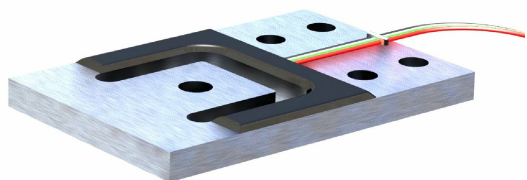


TYPE	CAPACITIES kg	DIMENSIONS INCH(mm)									
		A	B	L1	L2	L3	L4	W1	W2	D1	D2
GPB 3.75kg	3.75	0.08[2.0]	0.19 [4.8] THRU ALL	2.76[70.0]	0.19[4.9]	0.55[14.0]	1.10[28.0]	1.53[39.0]	1.09[27.8]	0.30[7.6]	0.20[5.1]
GPB 15kg	15	0.16[4.1]	0.19 [4.8] THRU ALL	2.76[70.0]	0.19[4.9]	0.55[14.0]	1.10[28.0]	1.53[39.0]	1.09[27.8]	0.30[7.6]	0.20[5.1]
GPB 37.5kg	37.5	0.19[4.8]	0.29[7.6] 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]

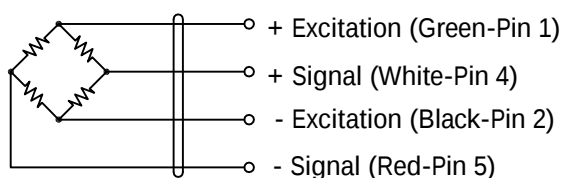


planar beam

GPB 6001



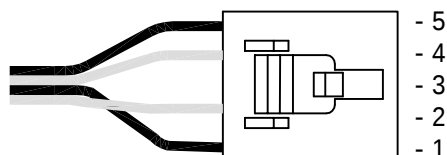
WIRING



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