

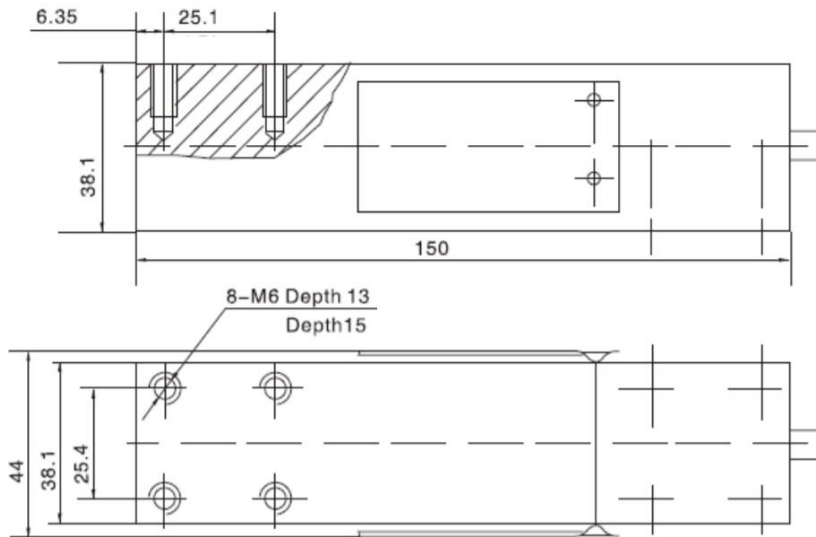
BAYKON BP241 is an aluminium-alloy construction and adhesive sealed single point type loadcell. It is suitable for bench scale, counting scale, packing machines and similar electronic weighing devices or systems. It is made of special material for precise measurement and recommended to use with BAYKON electronic instruments for precise results.

Key features;

- Capacities 50 ~ 250 kg
- Aluminium-Alloy single point type
- Suitable for single and double load cell structured platform scales.
- Maximum platform size: 400 x 400
- Protection class IP65



Dimensions (mm);



Cable colour	Description
Input(+)	Green
Sense(+)	Blue
Output(-)	White
Sense(-)	Brown
Input(-)	Black
Output(+)	Red

Technical specifications;

Maximum capacity	E_{max}	kg	50 / 100 / 150 / 200 / 250
Accuracy class			G3
Output sensitivity	RO	mV/V	2.0 ± 0.2
Max.number of load cell intervals		nLC	≤ 3000
Combined Error		% E_{max}	$\leq \pm 0.03$
Safe load limit / Over load limit		% E_{max}	150 / 300
Zero balance		% RO	$< \pm 2.0$
Excitation (recommended)		V DC	5 - 12
Excitation (maximum)		V DC	18
Input resistance		Ω	406 ± 6
Output resistance		Ω	350 ± 3
Insulation impedance		M Ω	≥ 5000 (50 VDC)
Compansated temperature range		$^{\circ}\text{C}$	- 10 ... + 40
Operating temperature range		$^{\circ}\text{C}$	- 40 ... + 70
Material			Aluminium
Protection class			IP65
Cable			Shielded, 6 conductor cable. Length 2 m /dia. 5 mm

(Properties are subject to change without notification. 011/ 2017)