

LOAD CELL BY101S

BAYKON

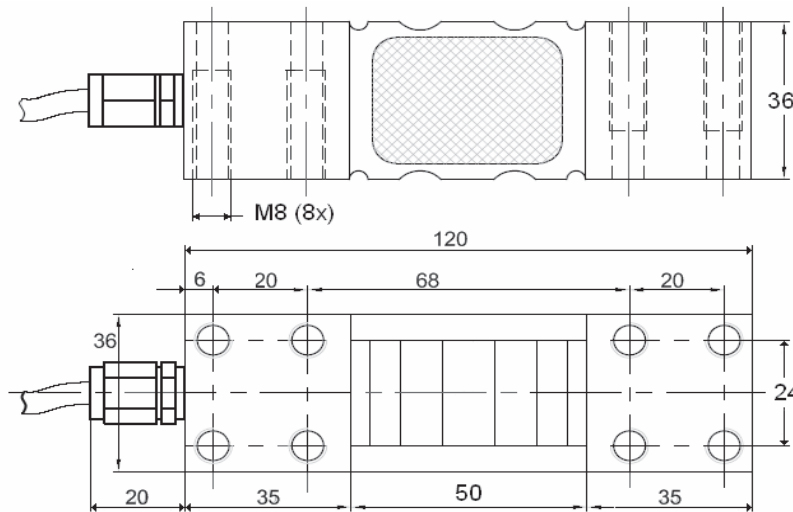
Type BY101S is a stainless steel construction, single point type loadcell. It is a perfect fit for platform scales, hopper weighing systems, packing machines dynamic testing systems other applications.

Key Features

- Capacities; 30 ~ 300 kg
- Stainless steel construction
- Protection IP66
- High accuracy



Dimensions (mm)



Color codes;	
+input	blue
+output	white
-input	black
-output	red
shield	yellow

Technical Specifications

Capacity	kg	30 / 60 / 100 / 150 / 200 / 300
Output sensitivity	mV / V	2.0 ± 0.002
Temperature effect on zero	%FS / 10°C	≤ 0.03
Temperature effect on sensitivity	%FS / 10°C	≤ 0.02
Combined error	%FS	≤ 0.03
Creep	%FS	≤ 0.02
Input resistance	Ω	400 ± 20
Output resistance	Ω	352 ± 3
Insulation resistance	MΩ	≥ 5000
Zero balance	%FS	≥ 1
Temperature, operating	°C	-30...+70
Excitation, recommended	V	5 - 12 (DC)
Excitation, maximum	V	15 (DC)
Safe overload	%FS	150
Ultimate overload	%FS	200
Construction		Stainless Steel
Environmental protection		IP66
Cable		Length 3 m, diameter 5 mm

(Specifications are subject to change without notice. 01-09 / 2018)