

LOAD CELL BS555

BAYKON

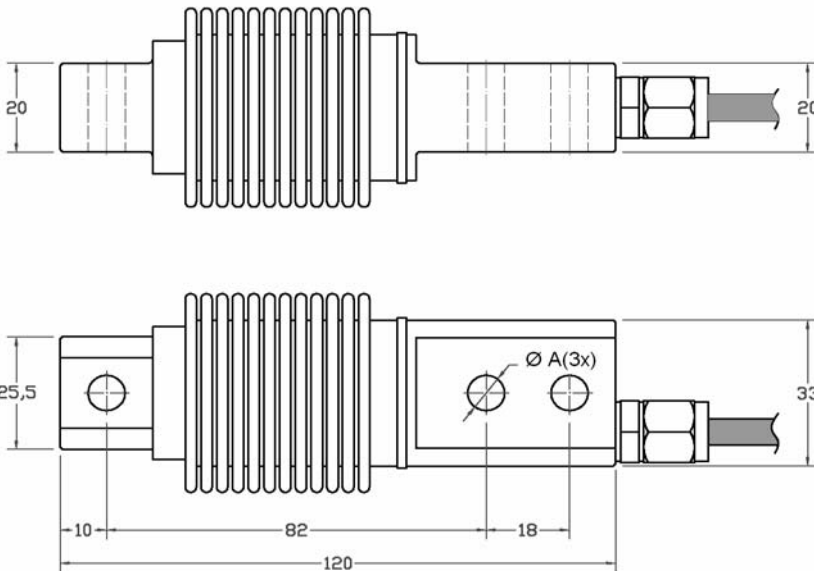
Type BS555 is an alloy steel construction, beam type loadcell with hermetic sealing. It is a perfect fit for use in industrial environments such as platform scales, bench scales, conveyor scales, hopper and tank weighing systems, bagging machines and other applications.



Key features;

- Capacities; 5 ~ 500 kg
- Stainless steel bellow
- Complete hermetic sealing
- Environmental protection IP68
- OIML approval

Dimensions (mm);



Capacity	A
≤ 250	Φ 8.2
> 250	Φ 10.2

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

Technical specifications;

Capacity	kg	5 / 10 / 20 / 50 / 100 / 200 / 500
Output sensitivity	mV / V	2.0 ± 0.002
Temperature effect on zero	%FS / 10°C	≤ 0.02
Temperature effect on sensitivity	%FS / 10°C	≤ 0.02
Combined error	%FS	≤ 0.02
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	-10...+40
Excitation, Recommended	V	5 - 12 (DC)
Excitation, Maximum	V	15 (DC)
Safe overload	%FS	150
Ultimate overload	%FS	200
Construction		Steel
Environmental protection		IP68
Cable		Length 3 m , diameter 5 mm

(Properties are subject to change without notification. 01 / 2009)