

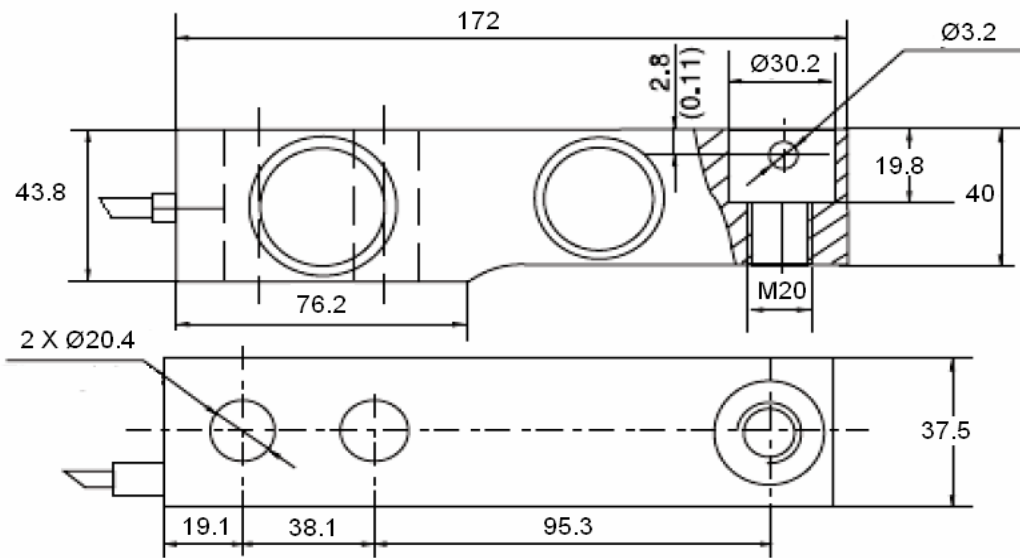
Type BS520S is a stainless steel construction shear beam type loadcell with complete hermetic sealing. It is suitable for use in industrial environments such as floor scales, vehicle test lines, hopper scales, etc.



Key features;

- Capacity: 5 tons
- Stainless steel construction
- High input resistance
- Protection IP68

Dimensions (mm);



Color codes;

+input	green
+sense	yellow
-input	black
-sense	blue
+output	white
-output	red
shield	transparence

Technical specifications;

Capacity	ton	5
Output sensitivity	mV / V	2.0 ± 0.02
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		1000 ± 10
Output resistance		1000 ± 10
Insulation resistance	M	5000
Zero balance	%FS	± 1
Temperature, operating	°C	-35 ... +65
Excitation, Recommended	V	5 - 12 (DC)
Excitation, Maximum	V	15 (DC)
Safe overload	%FS	150
Ultimate overload	%FS	300
Construction		Stainless steel
Environmental protection		IP68
Cable		Length 6 m, diameter 6 mm

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