

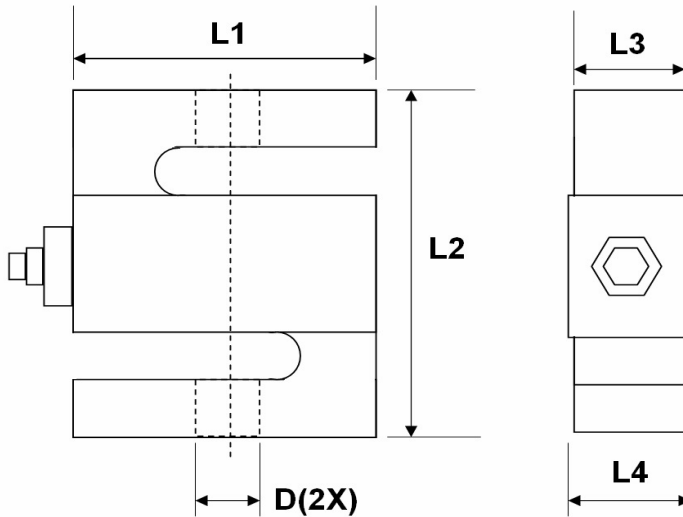
Type BT604 is an alloy steel construction S type loadcell. It is a perfect fit for use in industrial environments such as crane scales and hanging scales, mechanical scales and other applications.

Key features;

- Capacities: 25 kg ~ 5 tons
- Alloy steel construction
- Bi-direction (tension and compression)
- Protection IP67



Dimensions (mm);



Capacity	L1	L2	L3	L4	D
25-50 kg	50.8	76.2	12.7	14.5	M8
0.1-0.15 t	50.8	76.2	19.0	20.8	M10
0.2-0.75 t	50.8	76.2	19.0	20.8	M12
1-1.5 t	50.8	76.2	25.4	27.2	M12
2-5 t	76.2	101.6	25.4	27.2	M20

Color codes;

+input	red
+output	green
-input	black
-output	white

Technical specifications;

Capacity	kg	25 / 50 / 100 / 250 / 500 / 1000 / 2000 / 5000
Output sensitivity	mV / V	2.0 ± 0.2
Temperature effect on zero	%FS / 10°C	0.02
Temperature effect on sensitivity	%FS / 10°C	0.01
Combined error	%FS	0.02
Creep	%FS	0.02
Input resistance		350 ± 3.5
Output resistance		350 ± 3.5
Insulation resistance	M	5000
Zero balance	%FS	1
Temperature, operating	°C	-10...+40
Excitation, Recommended	V	5 - 12 (DC)
Excitation, Maximum	V	15 (DC)
Safe overload	%FS	120
Ultimate overload	%FS	150
Construction		Alloy steel
Environmental protection		IP67
Cable		Length 3 m , diameter 5 mm

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