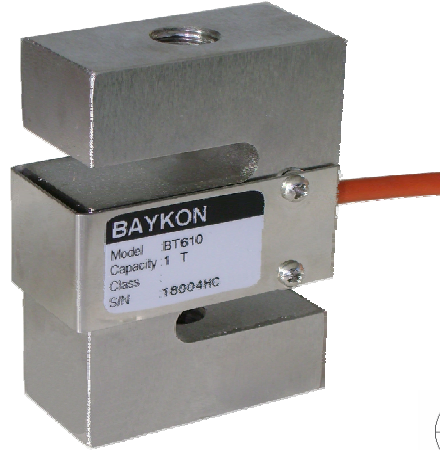


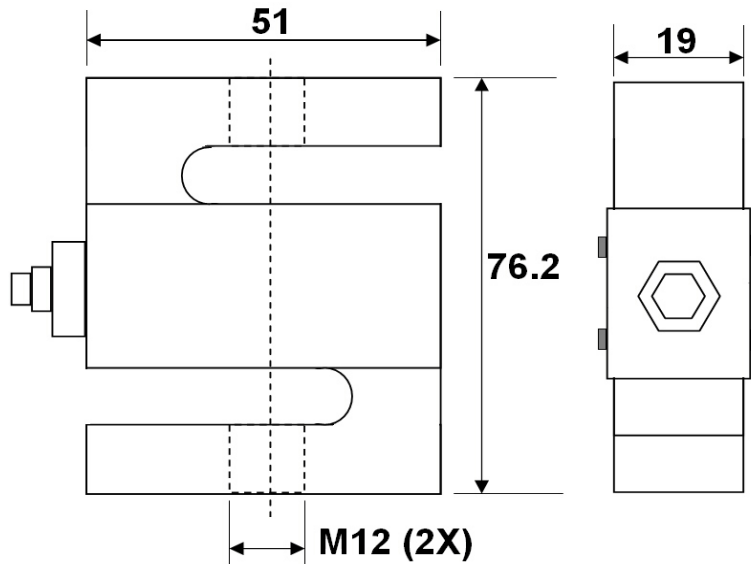
Type BT610S is a stainless steel construction s type loadcell. It is a perfect fit for use in industrial environments such as crane scales and hanging scales, mechanical scales and other applications.



Key features;

- Capacities: 100 kg ~ 500 kg
- Stainless steel construction
- Tension and compression
- Protection IP67

Dimensions (mm);



Color codes;

+input	blue
+output	white
-input	black
-output	red
shield	yellow

Technical specifications;

Capacity	ton	100 / 250 / 500
Output sensitivity	mV / V	2.0 ± 0.003
Temperature effect on zero	%FS / 10°C	≤ 0.02
Temperature effect on sensitivity	%FS / 10°C	≤ 0.01
Combined error	%FS	≤ 0.03
Creep	%FS	≤ 0.02
Input resistance	Ω	400 ± 20
Output resistance	Ω	352 ± 2
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	120
Ultimate overload	%FS	150
Construction		Stainless steel
Environmental protection		IP67
Cable		Length 5 m , diameter 5 mm

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