

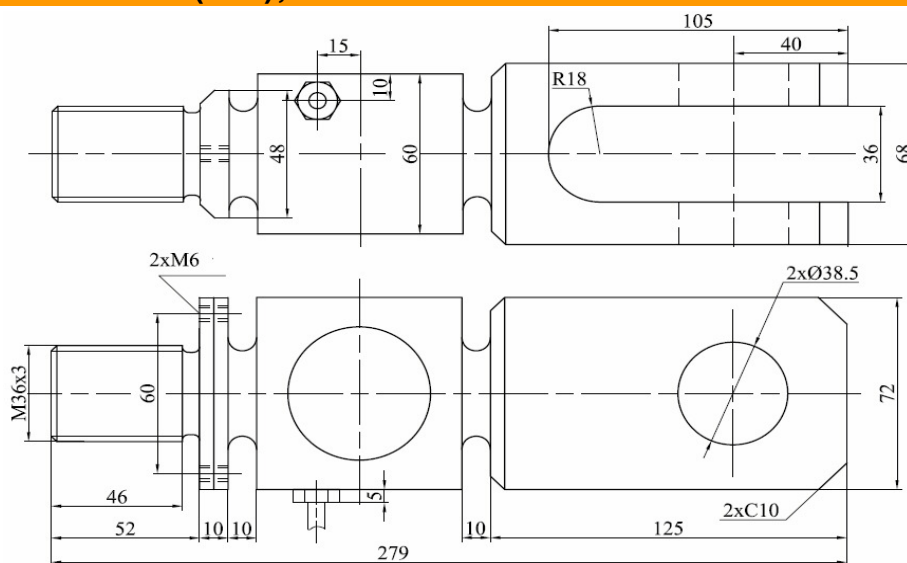
Type BY410 is a steel construction, tension type loadcell. It is suitable for hook scales, tension testing systems and other similar special applications.

Key features;

- Capacities: 5 tons
- Stainless steel construction
- Protection IP68
- High accuracy



Dimensions (mm);



Color codes;

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

Technical specifications;

Capacity	ton	5
Output sensitivity	mV / V	1.8 ± 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	≤ 0.03
Input resistance	Ω	400 ± 10
Output resistance	Ω	352 ± 5
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	180
Construction		Stainless steel
Environmental protection		IP68
Cable		Length 0.5 m , diameter 6 mm

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