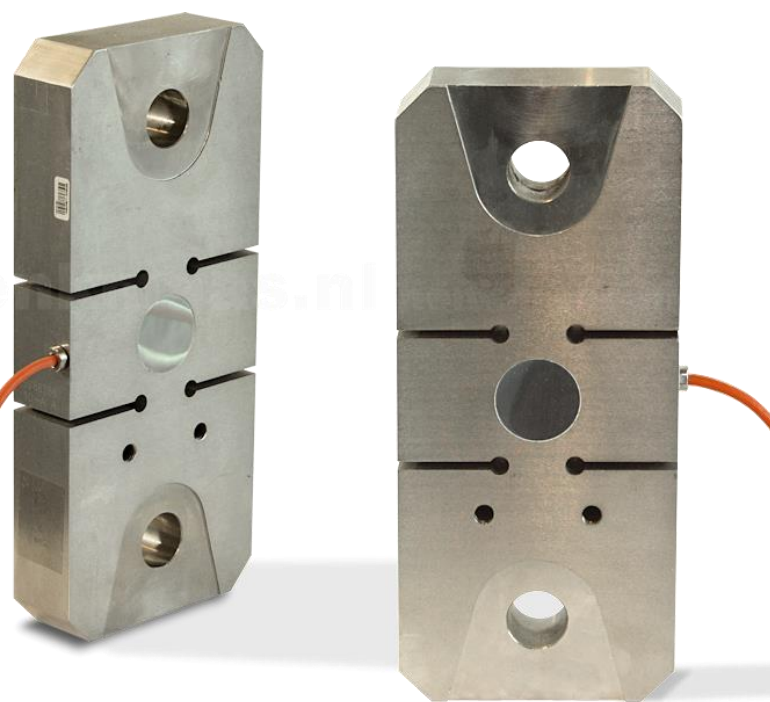


Tension Load cells

series LAT



Features

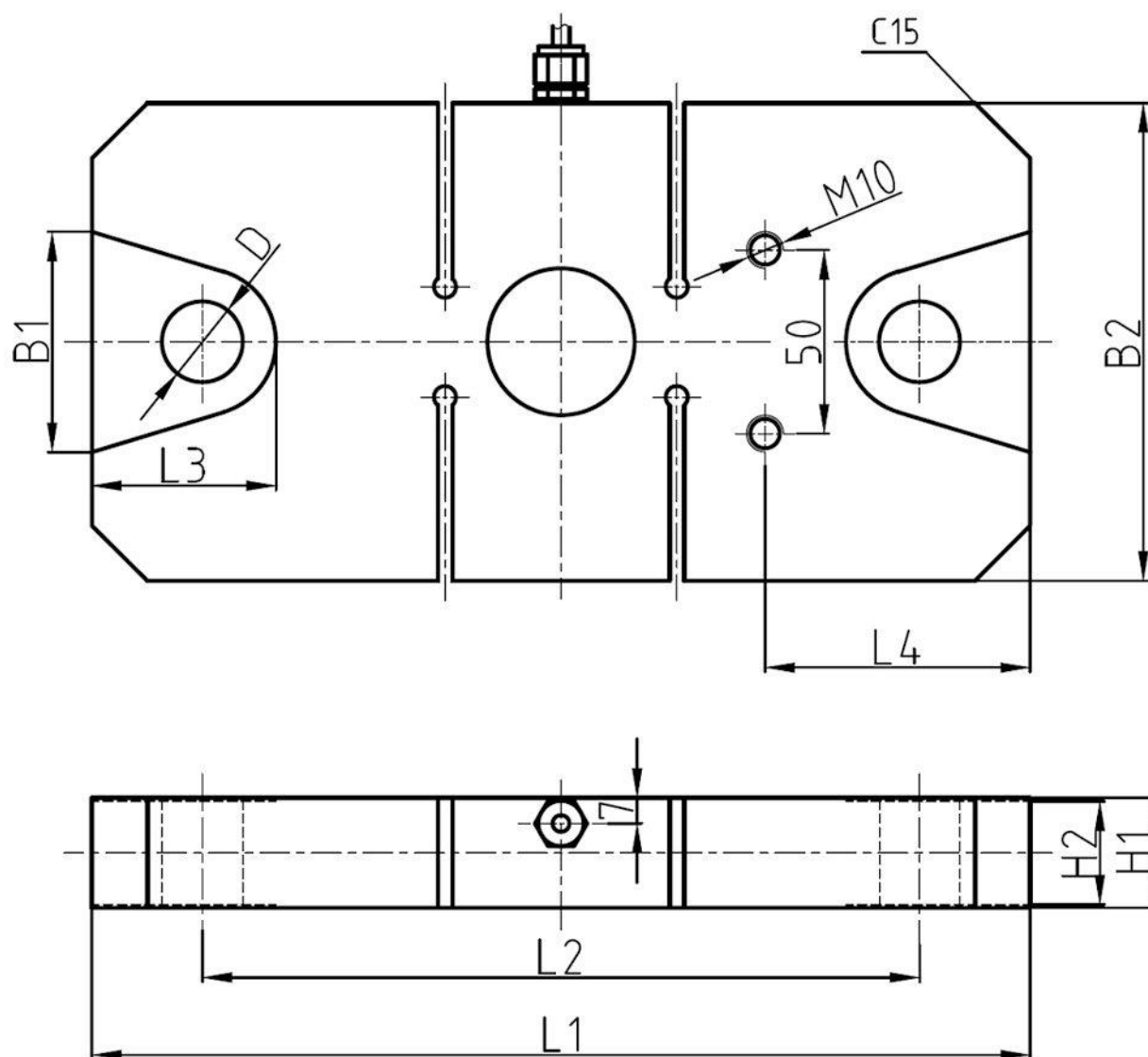
- material: steel alloy
- capacities 5, 10, 20, 30, 50, 100, 150, 200 ton
- **IP67 protection**
- application: crane scales / hanging weighing
- cable length 8 meter

Declaration of wire colours

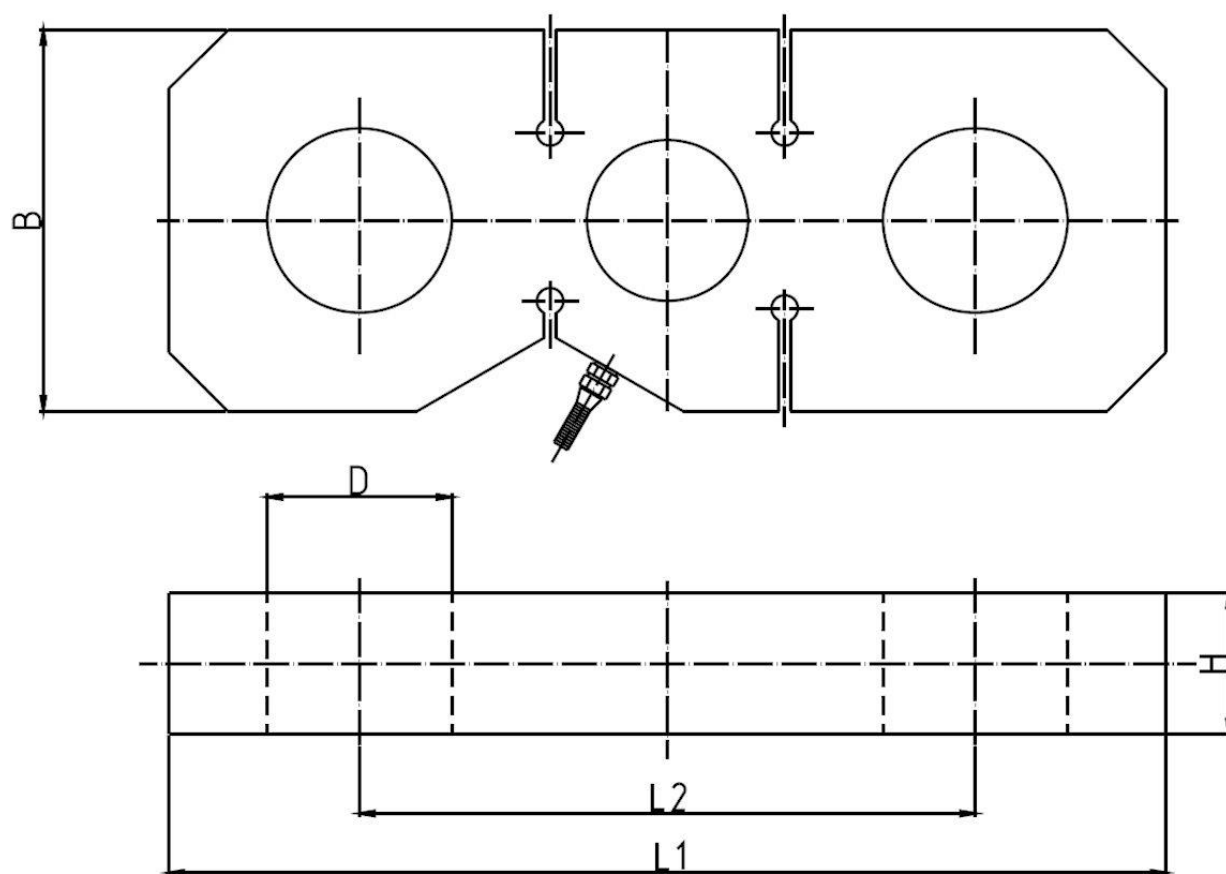
Thick Yellow	Shield
White	Signal +
Red	Signal -
Blue	Excitation +
Black	Excitation -

Minimum load cell verification interval (Vmin)	10000
Maximum number of verification intervals	nLC = 3000
Sensitivity	2.0 ± 0.002 mV/V
Non-linearity	± 0.02 % F.S
Temperature effect on sensitivity	± 0.015 % F.S/10 °C
Temperature effect on zero balance	± 0.015 % F.S/10 °C
Creep in 30 min	± 0.015 % F.S
Hysteresis error	± 0.05 % F.S
Input resistance	400 ± 20 Ohm
Output resistance	352 ± 3 Ohm
Insulation resistance	≥ 5000 MOhm
Nominal temperature range	-10°C/+40°C
Service temperature range	-30°C/+70°C
Safe load limit	120%F.S
Breaking load	200%F.S
Nominal of range excitation	10V DC
Maximum excitation voltage	15V DC
Cable length	8 meter 4 wires

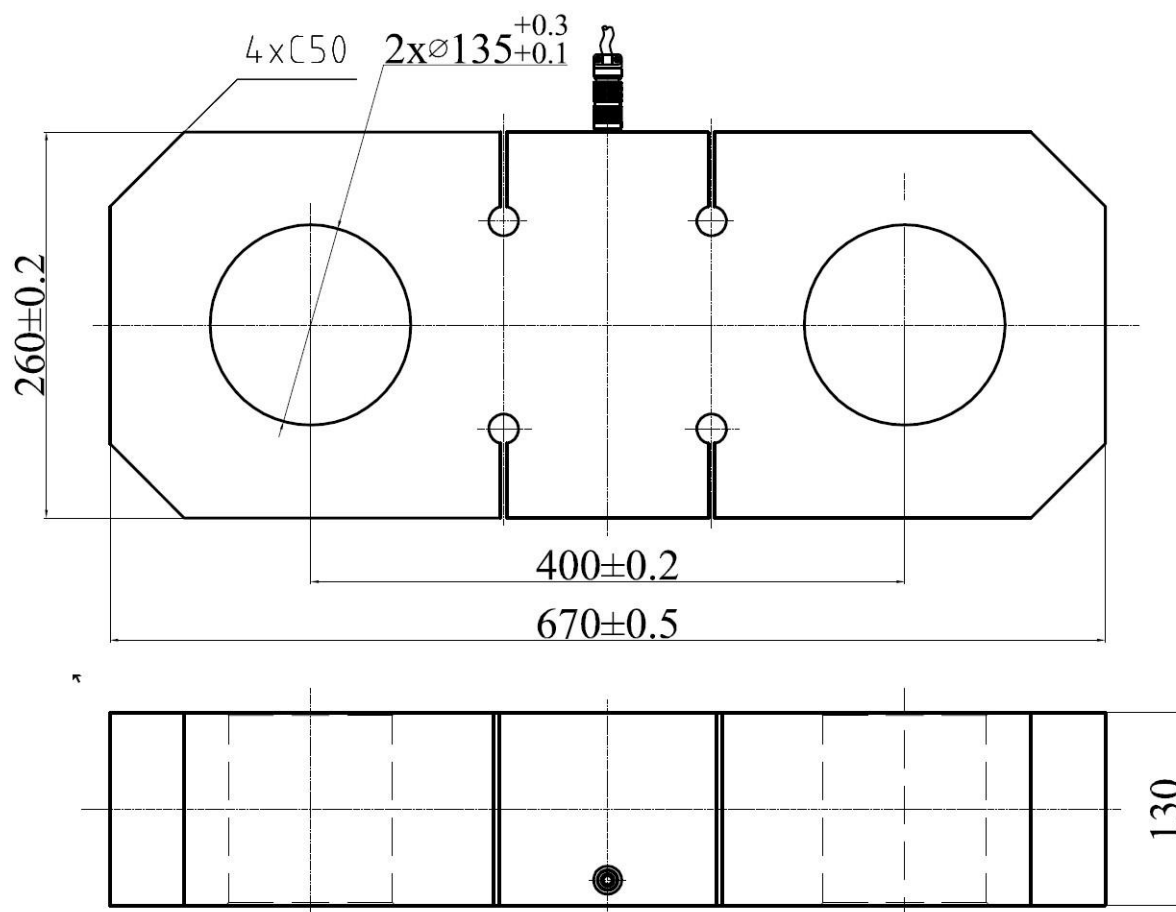




Rated Load	L1	L2	L3	L4	H1	H2	B1	B2	D
5t	255	201	50	72	30	28	60	130	Ø22
10t	295	215	70	92	40	38	84	130	Ø28



Rated Load	L1	L2	B	D	H
15,20,30t	340	210	130	Φ63	48
50t	620	438	171	Φ85.5	47
100,150t	500	305	190	Φ97	130



Rated load: 200t

