

Stainless steel bending beam

Load cells

series LAB-SS



Declaration of wire colours

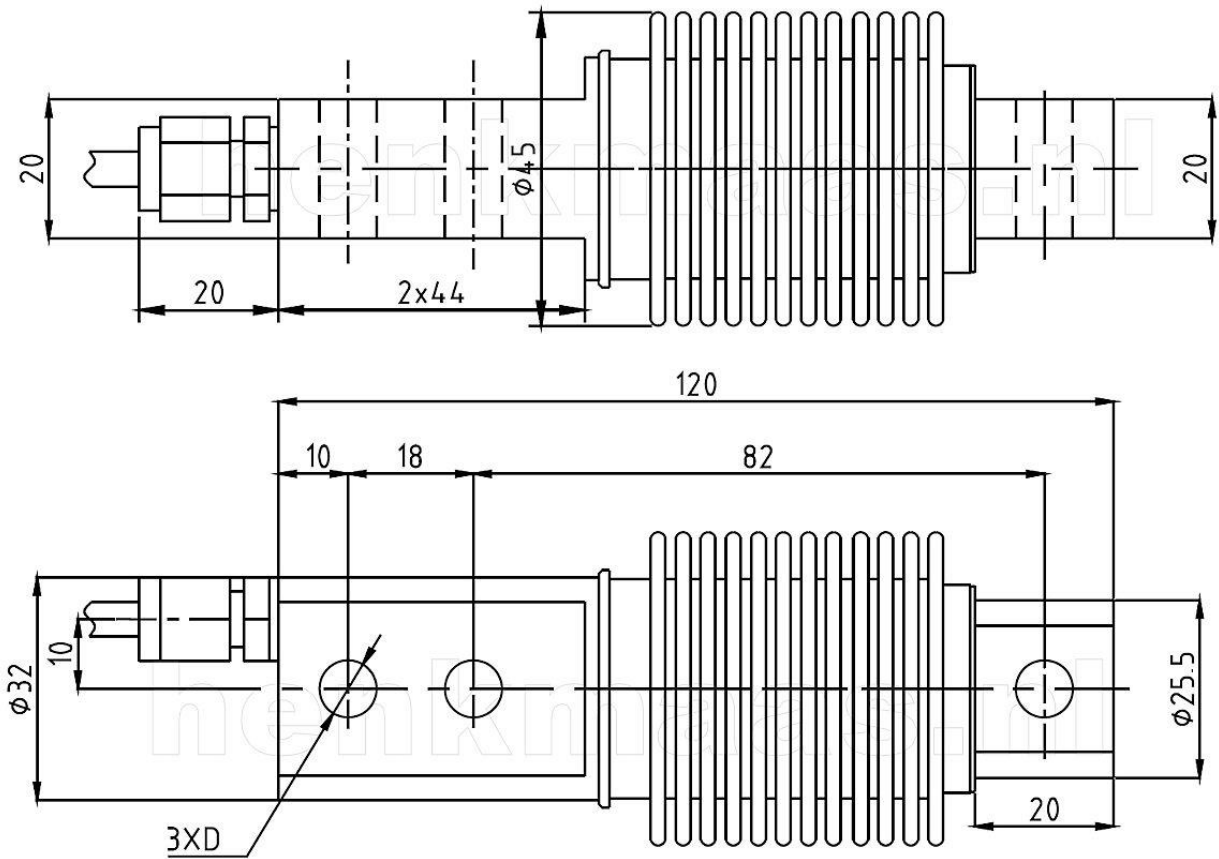
Thick Yellow	Shield
white	Signal +
Green	Sense +
Blue	Excitation +
Red	Signal -
Grey	Sense -
Black	Excitation -

Features

- material: stainless steel
- capacities: 10kg, 20kg, 50kg, 100kg, 200kg, 300kg, 500kg
- C3 precision class (100 - 500 kg)
- shielded connection cable 5 m
- protection class: IP68
- test certificate: GB-1586
- applications: approved weighing, automatic systems, platform scales, floor scales, hopper and tank scales and weighing systems, big-bag Scales, filling and bagging Machines

Minimum load cell verification interval (Vmin)	10000
Maximum number of verification intervals	nLC = 3000
Sensitivity	2.0 ± 0.002 mV/V
C-precision class	C3
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	150%F.S
Breaking load	200%F.S
Nominal of range excitation	10~12V DC
Cable	5 meter 6 wires





Rated Load (kg)	D
5,10,20,30,40,50,75	$\phi 8.2$
100,150,200,250	$\phi 8.2$
300,500	$\phi 10.2$

