

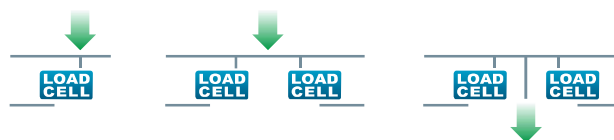
SINGLE SHEAR BEAM LOAD CELL

Single shear beam load cell series: **L810D**; Rated load: **5~500kg**

Material: alloy steel & stainless steel



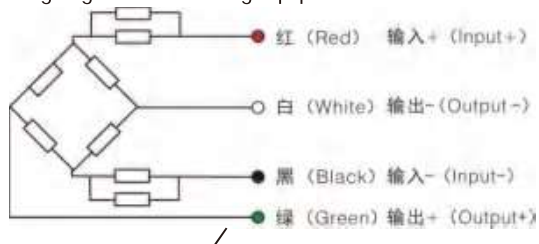
Load instruction



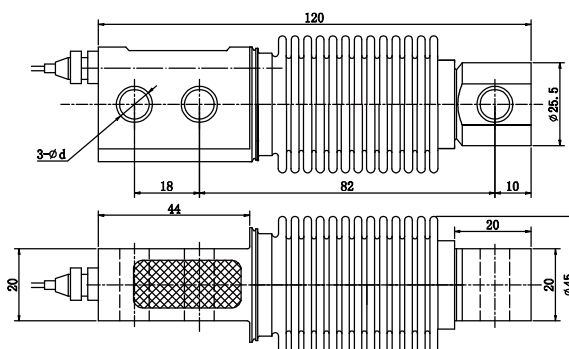
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For more product information, please visit: www.maritex.com.pl

Made of alloy steel or stainless steel, bellow sealed by laser, plated by nickel, this model is waterproof, anti-corrosion at defend grade IP68.

It is widely used in electronic platform scales, truck scale and other weighing force measuring equipment.



It uses 4-core shielded cable, Specifications: $\varnothing 5 \times 3000\text{mm}$



(kg)	5~250	300~500
$\varnothing d$	$\varnothing 8.2$	$\varnothing 10.2$

(Dimension unit: mm)

PARAMETERS		
传感器量程	5~500kg	Rated load
精度等级	C2 / C3	Precision
综合误差	± 0.03 & ± 0.02 %F.S	Comprehensive error
灵敏度	2.0 ± 0.02 mV/V	Rated output
蠕变	± 0.023 & ± 0.016 %F.S/30min	Creep
零点输出	1.5 %F.S	Zero balance
输入阻抗	400 ± 50 Ω	Input resistance
输出阻抗	350 ± 5 Ω	Output resistance
绝缘电阻	$\geq 5000\text{M}\Omega$ (100VDC)	Insulation resistance
灵敏度温度影响	± 0.017 & ± 0.011 %F.S/10 $^{\circ}\text{C}$	Temp.effect on span
零点温度影响	± 0.029 & ± 0.019 %F.S/10 $^{\circ}\text{C}$	Temp.effect on zero
温度补偿范围	-10~+40 $^{\circ}\text{C}$	Compensated temp.range
使用温度范围	-30~+70 $^{\circ}\text{C}$	Use temp.range
激励电压	9~12 VDC	Excitation voltage
安全过载范围	150 %	Safe overload
极限过载范围	200 %	Ultimate overload
防护等级	IP66	Defend grade