

X-BW23

Feature

- ★ High-precision resistance strain principle
- ★ Supports force measurement in the range of 0- 500 kg.
- ★ Stainless steel, sealed welding, oil, water, corrosion resistance
- ★ Robust pressure-bearing structure with simplified installation.
- ★ High response frequency

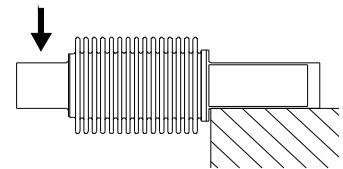


Dimension and capacity can be customized by request.

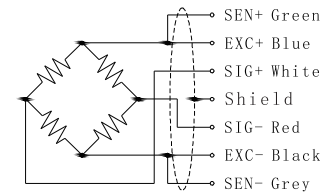
Technical specifications

Capacity (Optional)	5kg,10kg,20kg,50kg,100kg,200kg,300kg,500kg		
Nonlinearity	≤ 0.03% F.S.	Rated output	2.0 ± 0.004 mV/V
Recommended excitation	5-10VDC	Maximum excitation	10V DC
Protection class	IP67	Compensated temp range	-10~40℃
Hysteresis	≤ 0.03% F.S.	Operating temp range	-20~80℃
Repeatability	≤ 0.03% F.S.	Insulation	≥ 5000MΩ/100VDC
Input impedance	400 ± 50Ω	Output impedance	350 ± 10Ω
Creep (30min)	≤ 0.03 % F.S.	Temp effect on output	≤ 0.03%F.S. /10℃
Zero balance	± 2% F.S.	Temp effect on zero	≤ 0.03%F.S. /10℃
Safe load limit	150%F.S.	Ultimate load limit	200%F.S.
Cable size	Φ5 × 3 m	Fatigue life	Full scale more than 1 million times
Cable connection	Ex + : Blue; Ex - : Black; Sig + : White; Sig - : Red; Sen + : Green; Sen - : Grey		

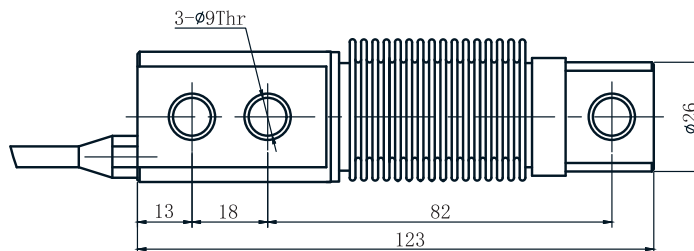
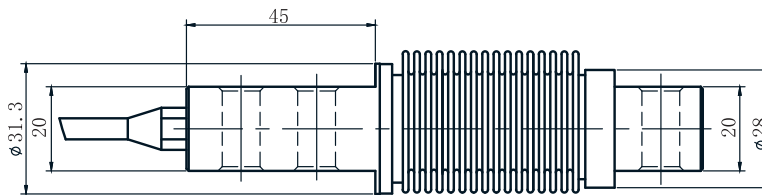
Load direction



Wiring code



Dimensional Drawings (mm)



Applications

Mainly used for packing scales, hopper scale and industrial measuring system.