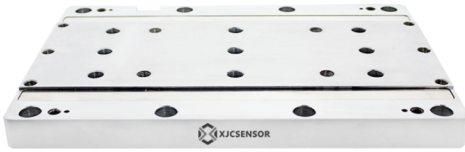


**X-B77-G**



**Feature**

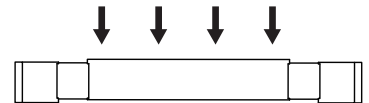
- ★ Adopts high-precision resistance strain principle
- ★ Supports force measurement in the range of 0-30ton.
- ★ Robust pressure-bearing structure with simplified installation.
- ★ High precision and high stability
- ★ High response frequency

Dimension and capacity can be customized by request.

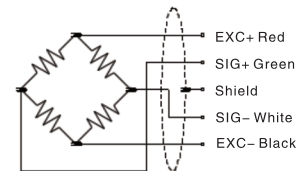
**Technical specifications**

Capacity ( Optional )	30t	Material	Alloy steel
Nonlinearity	≤ 0.5 % F.S.	Rated output	1.5-2.0 mV/V
Recommended excitation	5-10 VDC	Maximum excitation	10V DC
Protection class	IP64	Operating temp range	-20 ~ 120°C
Hysteresis	≤ 0.5 % F.S.	Insulation	≥ 5000MΩ / 100VDC
Repeatability	≤ 0.2 % F.S.	Temp effect on output	≤ 0.2 % F.S. / 10°C
Creep (30min)	≤ 0.1 % F.S.	Temp effect on zero	≤ 0.2 % F.S. / 10°C
Zero balance	± 2 % F.S.	Safe load limit	120% F.S.
Cable size	Ø4x10m	Fatigue life	Full scale more than 1 million times
Cable connection	Ex + : Red; Ex - : Black; Sig + : Green; Sig - : White		

**Load direction**



**Wiring code**



**Dimensional Drawings (mm)**

