

X-B-D152-H12

Feature

- ★ Adopts high-precision resistance strain principle
- ★ Supports force measurement in the range of 0-1000kg.
- ★ Parallel Beam structural design, robust pressure-bearing structure with simplified installation.
- ★ High precision and high stability
- ★ Alloy steel / Aluminum alloy
- ★ Compact structure, thinner installed height, beautiful appearance.
- ★ High response frequency



Dimension and capacity can be customized by request.

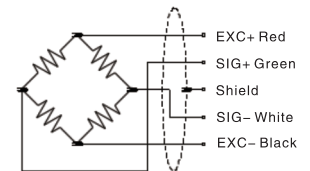
Technical specifications

Capacity (Optional)	20kg,50kg,100kg, 200kg,1000kg	Material	Alloy steel Aluminum alloy
Nonlinearity	≤ 0.5% F.S.	Rated output	1.0~1.5mV/V
Recommended excitation	5-10VDC	Maximum excitation	10V DC
Protection class	IP64	Compensated temp range	- 10 ~ 40 °C
Hysteresis	≤ 0.5% F.S.	Operating temp range	- 20 ~ 80 °C
Repeatability	≤ 0.5% F.S.	Insulation	≥ 5000MΩ/100VDC
Input impedance	380 ± 30Ω(750 ± 50Ω)	Output impedance	350 ± 10Ω(700 ± 10Ω)
Creep (30min)	≤ 0.5% F.S.	Temp effect on output	≤ 0.2% F.S. / 10 °C
Zero balance	± 0.05 mV/V	Temp effect on zero	≤ 0.2% F.S. / 10 °C
Safe load limit	150% F.S.	Ultimate load limit	200% F.S.
Cable size	∅3x3m	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)

