

X-S07



Feature

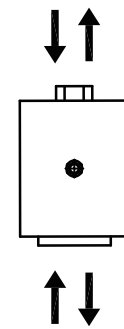
- ★ Adopts high-precision resistance strain principle
- ★ Supports force measurement in the range of 0-3ton.
- ★ S-type structural design, compression and tension, easy to install.

Dimension and capacity can be customized by request.

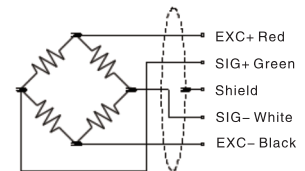
Technical specifications

Capacity (Optional)	50kg,100kg,200kg,500kg,1t,2t,3t	Material	Alloy steel Aluminum alloy
Nonlinearity	≤ 0.2% F.S.	Rated output	1.0 ± 0.1mV/V
Recommended excitation	5-10VDC	Maximum excitation	10V DC
Protection class	IP64	Compensated temp range	- 10 ~ 40 °C
Hysteresis	≤ 0.2% F.S.	Operating temp range	- 20 ~ 80 °C
Repeatability	≤ 0.05% F.S.	Insulation	≥ 5000M Ω /100VDC
Input impedance	380 ± 30Ω	Output impedance	350 ± 5Ω
Creep (30min)	≤ 0.05% F.S.	Temp effect on output	≤ 0.05% F.S. / 10°C
Zero balance	± 2% F.S.	Temp effect on zero	≤ 0.05% F.S. / 10°C
Safe load limit	150% F.S.	Ultimate load limit	200% F.S.
Cable size	Ø5x3m	Fatigue life	Full scale more than 1 million times
Cable connection	Ex + : Red; Ex - : Black; Sig + : Green; Sig - : White		

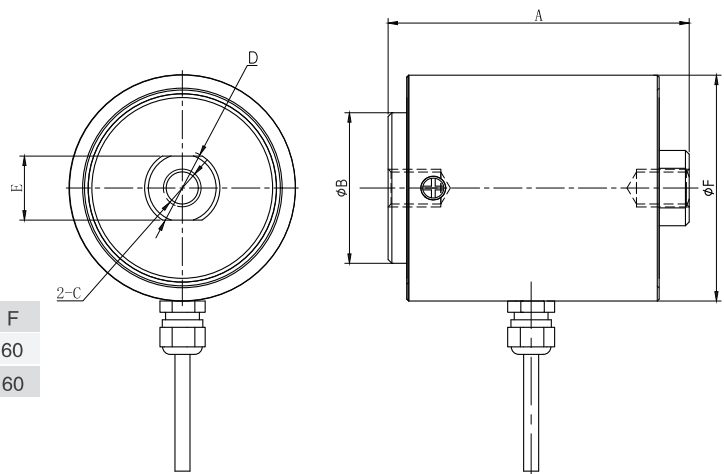
Load direction



Wiring code



Dimensional Drawings (mm)



Capacity(kg)	A	B	C	D	E	F
50/100/150/300/500kg	80	40	M10*1.5-6H Depth14	20	17	60
1000/2000/3000kg	120	40	M20*1.5-6H Depth14	36	30	60

Applications

Mainly applied in tension and compression testing instruments and automatic equipments fields, such as small range of force testing instruments, hopper scales, lifting hook scales, insertion force test instruments, and etc.