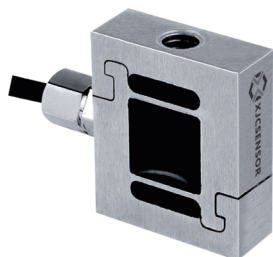


X-S09-A-OP



Feature

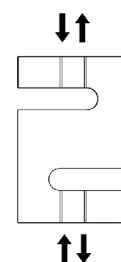
- ★ X-S09-A-OP adopts high-precision resistance strain principle
- ★ Supports force measurement in the range of 0-200 kg .
- ★ S-type structural design, compression and tension , easy to install and flexible.
- ★ Small size, beautiful appearance

Dimension and capacity can be customized by request.

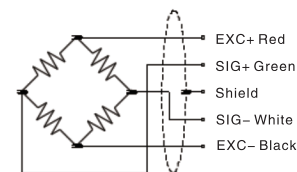
Technical specifications

Capacity (Optional)	5kg,10kg,20kg,50kg,100kg,200kg	Material	Stainless steel
Nonlinearity	≤ 0.05% F.S.	Rated output	2. 0±0.2 mV/V
Recommended excitation	5-10VDC	Maximum excitation	10V DC
Protection class	IP54	Compensated temp range	- 10 ~ 40 °C
Hysteresis	≤ 0.05% F.S.	Operating temp range	- 20 ~ 80 °C
Repeatability	≤ 0.05% F.S.	Insulation	≥ 500M Ω /100VDC
Input impedance	350 ± 10 Ω	Output impedance	350±10Ω
Creep (30min)	≤ 0.05% F.S.	Temp effect on output	≤ 0.2% F.S. / 10°C
Zero balance	± 2% F.S.	Temp effect on zero	≤ 0.2% F.S. / 10°C
Safe load limit	150%F.S.	Ultimate load limit	300%F.S.
Cable size	Ø2x4m	Fatigue life	Full scale more than 1 million times
Cable connection	Ex + : Red; Ex - : Black; Sig + : Green; Sig - : White		

Load direction

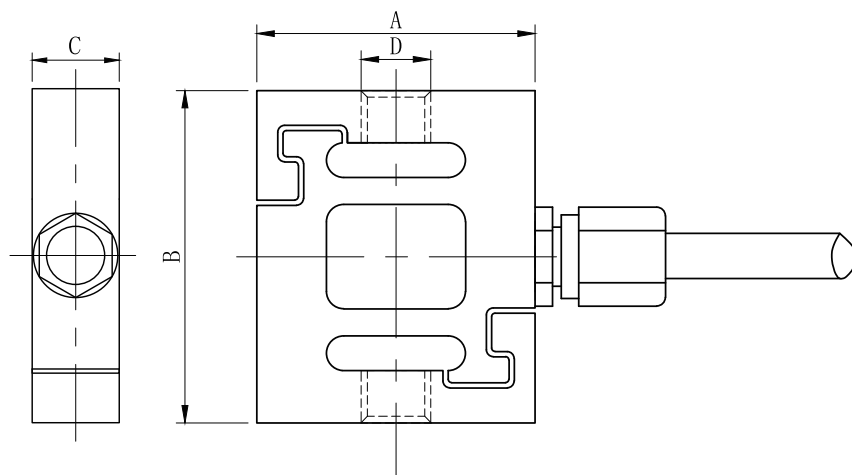


Wiring code



Dimensional Drawings (mm)

Capacity	A	B	C	D
5/10/20/50kg	16	19.1	6	M4
100/200kg	26	40	12	M8



Applications

Automotive, medical, robot, electronic, mechanical equipment, automation equipment, etc.

Force measurement in small space installation, such as feeling tester for keyboard switch, compression force measurement for hot and cold lamination machine.