



Professional force control system solutions supplier

Available applications:



Automation



New Energy



Robot



Medical

Other applications:



Manufacture



Agriculture



Aerospace



Traffic track



Product development



Company profile

Shenzhen XJCSENSOR Technology Co., Ltd (referred as XJCSENSOR) is a national high-tech company who engaged in R&D, production and marketing of complete series of intelligent sensors and control instruments . Our headquarter is located in Longgang Shenzhen, covering an area of 4000m² , Huizhou factory covers an area of 8000m²

We have over 46 professional R&D and design teams with years of experience in the intelligent sensors and control instrument industry, and have obtained over 25 invention patents, over 53 utility model patents, and over 20 software patents; XJCSENSOR is based on ISO9001 quality control system and ISO14001 environmental management system; We have obtained international CE, RoHS, UL product certification.

XJCSENSOR focuses on innovative R&D and keep-improving manufacturing of industrial grade products such as intelligent sensors and control instruments for micro pressure, weighing, multi-axis force, and torque ,which are widely used in 3C automation equipment, precision medical, agriculture, new energy lithium batteries, robots, semiconductors and other fields. XJCSENSOR has insisted on the business philosophy of "quality first, customer formost, independent innovation, intelligent leadership for the future, and win-win cooperation". Our company has established long-term cooperation with Huawei, Apple, Foxconn, ATL, BYD, Epson, Mindray and other international enterprises.

We have received high praise from our customers, becoming a "high-quality supplier" for many customers with customized non-standard sensors. So OEM/ODM is welcome.



Force/torque sensor

Applications:

Polishing

Assembly

Sortation

Drag
teaching

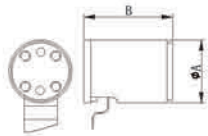
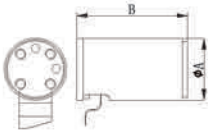
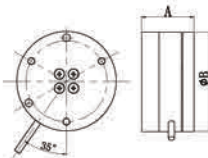
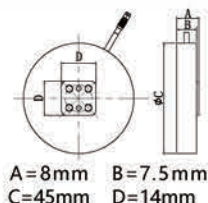
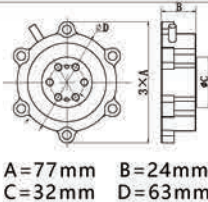
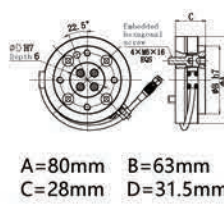
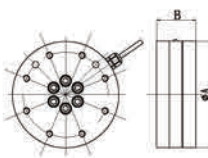
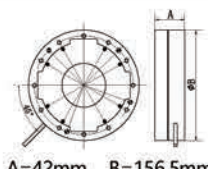
Tactile
grasping

Detection

Force
handling

Medical

Make force measurement simple

Model	Capacity	Feature	Size	Spec.
X-6AM-D9.5-H13.8 	Fx : 20N 50N Fy : 20N 50N Fz : 20N 50N Mx: 0.5N.m 1N.m My: 0.5N.m 1N.m Mz: 0.5N.m 1N.m	Adopting self compensating strain gauges; Software decoupling, small crosstalk error; Small diameter, suitable for tiny space applications;	 A=9.5mm B=13.8mm	Non-linearity:..... = 1%F.S. Repeatability:..... = 0.5%F.S. Zero balance:..... 5%F.S. Operating temp range:.....-20~ 80? Recommended excitation :5-10VDC Safe load limit:.....120%F.S. Long-term crosstalk error:....=3%F.S.
X-6AM-D16-H23 	Fx : 50N 100N 200N Fy : 50N 100N 200N Fz : 50N 100N 200N Mx: 1N.m 2N.m 4N.m My: 1N.m 4N.m 4N.m Mz: 1N.m 2N.m 4N.m	Adopting self compensating strain gauges; Small diameter, suitable for tiny space applications;	 A=16mm B=23mm	Non-linearity:..... = 1%F.S. Repeatability:..... = 0.5%F.S. Zero balance:..... 5%F.S. Operating temp range:.....-20~ 80? Recommended excitation :5-10VDC Safe load limit:.....120%F.S. Long-term crosstalk error:....=3%F.S.
X-6A-D40-H21 	Fx :150N Fy :150N Fz :240N Mx:4N.m My:4N.m Mz:4N.m	Fast response speed; Adopting self compensating strain gauges; Structure decoupling, tiny long-term crosstalk error;	 A=21mm B=40mm	Non-linearity:..... = 0.5%F.S. Repeatability:..... = 0.05%F.S. Zero balance:..... 5%F.S. Operating temp range:.....-20~ 80? Recommended excitation :5-10VDC Safe load limit:.....120%F.S. Long-term crosstalk error:....=3%F.S.
X-6A-D45-H8 	Fx : 1000N Fy : 1000N Fz : 1000N Mx:20N.m My:20N.m Mz:20N.m	Fast response speed; Adopting the principle of resistance strain gauge, with high accuracy; Adopting a structure decoupled, small crosstalk error, long-term stability;	 A=8mm B=7.5mm C=45mm D=14mm	Non-linearity:..... = 0.5%F.S. Repeatability:..... = 0.05%F.S. Zero balance:..... 5%F.S. Operating temp range:.....-20~ 80? Recommended excitation :5-10VDC Safe load limit:.....120%F.S. Long-term crosstalk error:....=3%F.S.
X-6A-D63-H24-A 	Fx : 5000N Fy : 5000N Fz : 5000N Mx:200N.m My:200N.m Mz:200N.m	Fast response speed; With principle of resistance strain gauge, high accuracy; Structure decoupling, tiny long-term crosstalk error;	 A=77mm B=24mm C=32mm D=63mm	Non-linearity:..... = 0.5%F.S. Repeatability:..... = 0.05%F.S. Zero balance:..... 5%F.S. Operating temp range:.....-20~ 80? Recommended excitation :5-10VDC Safe load limit:.....120%F.S. Long-term crosstalk error:....=3%F.S.
X-6A-XD80-H28 	Fx : 200N Fy : 200N Fz : 200N Mx:5N.m My:5N.m Mz:5N.m	Fast response speed; Adopting the principle of resistance strain gauge; Structure decoupling, tiny long-term crosstalk error;	 A=80mm B=63mm C=28mm D=31.5mm	Non-linearity:..... = 0.5%F.S. Repeatability:..... = 0.1%F.S. Zero balance:..... 5%F.S. Operating temp range:.....-20~ 80? Recommended excitation :5-10VDC Safe load limit:.....120%F.S. Long-term crosstalk error:....=3%F.S.
X-6A-D100-FS-H37 	Fx : 1000N Fy : 1000N Fz : 1000N Mx:20N.m My:20N.m Mz:20N.m	↑ Fast response speed; ↑ Adopting the principle of resistance strain gauge; ↑ IP 67 waterproof;	 A=100mm B=37mm	Non-linearity:..... = 0.5%F.S. Repeatability:..... = 0.1%F.S. Zero balance:..... 5%F.S. Operating temp range:.....-20~ 80? Recommended excitation :5-10VDC Safe load limit:.....120%F.S. Long-term crosstalk error:....=3%F.S.
X-6A-D156.5-H42-A 	Fx : 1000kg 2000kg Fy : 1000kg 2000kg Fz : 1000kg 2000kg Mx:250N.m 600N.m My:250N.m 600N.m Mz:250N.m 600N.m	↑ Fast response speed; Adopting the principle of resistance strain gauge; ↑ The upper and lower flange installation. Stable structure and high stiffness;	 A=42mm B=156.5mm	Non-linearity:..... = 0.5%F.S. Repeatability:..... = 0.1%F.S. Zero balance:..... 5%F.S. Operating temp range:.....-20~ 80? Recommended excitation :5-10VDC Safe load limit:.....120%F.S. Long-term crosstalk error:....=3%F.S.

* Welcome customized non-standard sensors. (OEM/ODM)



Torque sensors

Applications:

Lock
screw
machine

Shaft
detection

Wrench

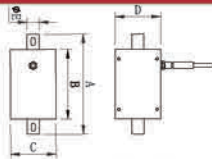
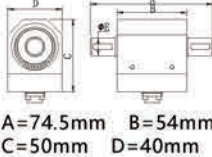
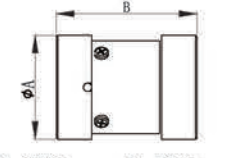
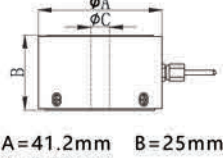
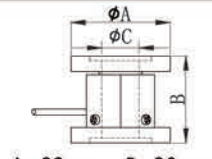
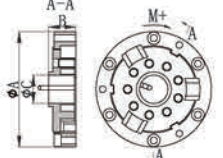
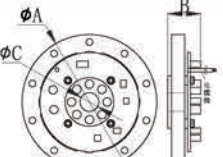
Motor

Motor
torque

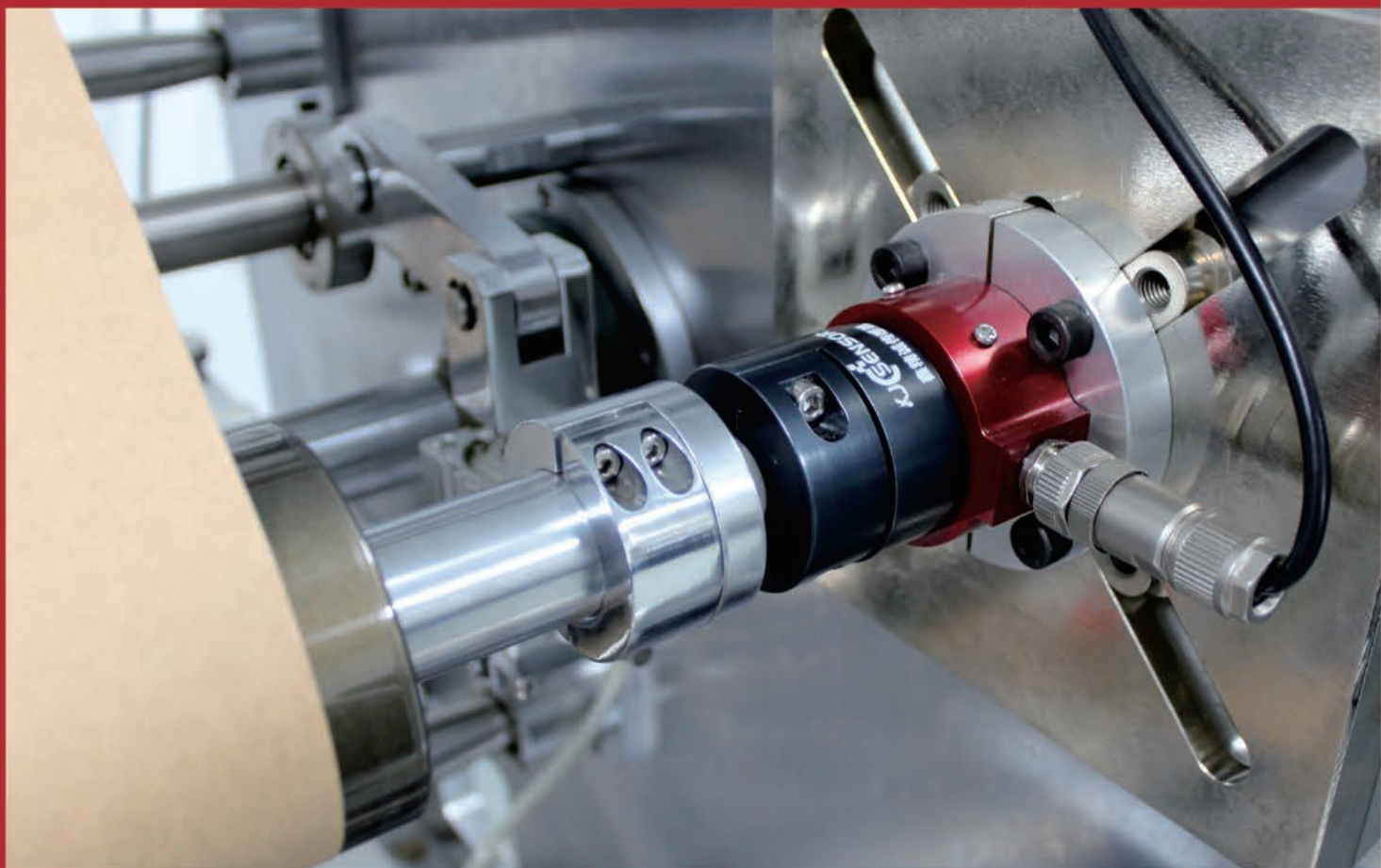
Rotary
equipment

Electric
lock

Make force measurement simple

Model	Capacity	Feature	Size	Spec.
X-DT-1002 	0.1N.m, 0.2N.m, 0.3N.m, 0.4N.m, 0.5N.m, 1N.m, 2N.m, 5N.m, 10N.m, 20N.m, 50N.m, 100N.m, 200N.m, 500N.m	Dynamic torque sensor; Contact structure; High torsional rigidity and strong overload protection capacity; Output positive and negative torque signals, quick response;	 A=72mm B=52mm C=26mm D=26mm E=5mm (Dimension varies depends on different measuring range)	Rated output:.....0.5-1.0mV/V Non-linearity:.....= 0.2%F.S. Repeatability:.....= 0.1%F.S. Zero balance:.....= 2%F.S. Operating temp range:.....-20° 60° Recommended excitation: 5-10VDC Cable size:.....? 4x2mm
X-DT-2001 	0.5N.m, 1N.m, 2N.m, 5N.m, 10N.m, 20N.m, 30N.m, 50N.m, 100N.m, 200N.m, 500N.m	Dynamic torque sensor; With zero reset function, various communication methods; Non-contact structure, no wear;	 A=74.5mm B=54mm C=50mm D=40mm E=5mm (Dimension varies depends on different measuring range)	Output signals:.....(M-)-10V-0-10V (M+)/RS485 Non-linearity:.....= 0.2%F.S. Repeatability:.....= 0.1%F.S. Zero balance:.....= 2%F.S. Operating temp range:.....-20° 60° Recommended excitation: 24VDC Cable size:.....? 5x4m(? 2x2m)
X-DT-2002 	5N.m, 10N.m, 20N.m, 30N.m, 50N.m, 100N.m	Dynamic torque sensor; With zero reset function, various communication methods; Angular velocity measurement Non-contact structure, no wear;	 A=130mm B=77mm C=55mm D=73mm E=18mm	Output signals:.....(M-)-10V-0-10V (M+)/RS485 Non-linearity:.....= 0.2%F.S. Repeatability:.....= 0.1%F.S. Zero balance:.....= 2%F.S. Operating temp range:.....-20° 60° Recommended excitation: 24VDC Cable size:.....? 5x4m
X-ST-A 	1N.m, 5N.m, 10N.m, 20N.m, 50N.m, 100N.m	Static torque sensor; With principle of resistance strain gauge, high accuracy; Easy installation;	 A=37.6mm B=50.8mm	Non-linearity:.....0.2%F.S. Repeatability:.....0.2%F.S. Zero balance:.....2%F.S. Operating temp range:.....-20° 80° Creep (30min):.....0.2%F.S. Safe load limit:.....150%F.S. Cable size:.....? 3x4mm
X-ST-B 	0.2N.m, 0.5N.m, 1N.m, 5N.m, 20N.m, 50N.m, 100N.m	Static torque sensor; With principle of resistance strain gauge, high accuracy; Small size, beautiful appearance;	 A=41.2mm B=25mm C=6.35mm	Non-linearity:.....0.2%F.S. Repeatability:.....0.2%F.S. Zero balance:.....2%F.S. Operating temp range:.....-20° 80° Creep (30min):.....0.2%F.S. Safe load limit:.....150%F.S. Cable size:.....? 3x4mm
X-ST32-H28-A 	1N.m, 2N.m, 5N.m, 10N.m	Static torque sensor; Flange connection at both ends; Resistance strain as sensitive element;	 A=32mm B=28mm C=12mm	Non-linearity:.....0.2%F.S. Repeatability:.....0.2%F.S. Zero balance:.....2%F.S. Operating temp range:.....-20° 80° Creep (30min):.....0.2%F.S. Safe load limit:.....120%F.S. Cable size:.....? 2x2mm
X-ST10-A 	20N.m, 50N.m, 100N.m	Joint torque sensor; High torsional rigidity and strong overload protection capacity; With high and low temperature compensation, the temperature characteristics are good;	 A=53mm B=12.5mm C=13mm	Non-linearity:.....0.5%F.S. Repeatability:.....0.5%F.S. Zero balance:.....2%F.S. Operating temp range:.....-20° 80° Creep (30min):.....0.5%F.S. Safe load limit:.....200%F.S. Cable size:.....? 2x1mm
X-ST75-A 	20N.m, 50N.m, 100N.m	Joint torque sensor; Various communication methods are available; High sampling frequency and quick response speed;	 A=72mm B=17.5mm C=10mm	Non-linearity:.....0.2%F.S. Repeatability:.....0.2%F.S. Zero balance:.....0.05%F.S. Operating temp range:.....-20° 80° Creep (30min):.....0.2%F.S. Safe load limit:.....150%F.S. Cable size:.....? 2x1mm

* Welcome customized non-standard sensors. (OEM/ODM)



Tension sensors

Applications:

Paper
machine

Coating
machine

Winder
machine

Stacking
machine

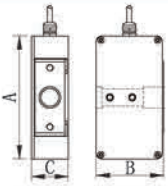
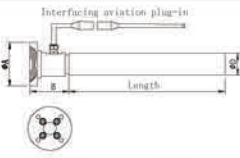
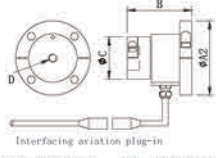
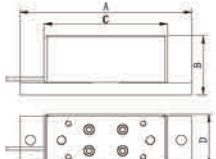
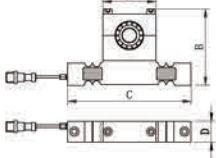
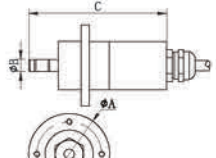
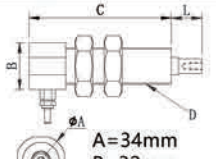
Cut
machine

Packaging
machine

Printer

Textile
machine

Make force measurement simple

Model	Capacity	Feature	Size	Spec.
X-ZL06 	2.5kg,5kg,10kg,15kg, 20kg,25kg,30kg,50kg	Cantilever tension sensor; Built-in new mechanical 10 times anti-overload protection; Small size and little installation space required;	 A=132mm B=55.6mm C=31mm (Dimension varies depends on different measuring range)	Non-linearity:.....0.2%F.S. Rated output:.....1.0 10% mV/V Repeatability:.....0.1%F.S. Zero balance:.....2%F.S. Temp range:.....-20~80? Limit load:.....500%F.S. Cable size:.....? 5x5m
X-ZL07 	2.5kg,5kg,10kg,20kg, 30kg,50kg	Cantilever tension sensor; Detection signal is not affected by the position of the roller; Special surface treatment process on rollers, no damage to raw materials;	 A=70mm B=63mm C=35mm L=100mm (Dimension varies depends on different measuring range)	Non-linearity:.....0.5%F.S. Rated output:.....0.1%F.S. Repeatability:.....0.1%F.S. Zero balance:.....2%F.S. Temp range:.....-20~80? Limit load:.....300%F.S. Cable size:.....? 5x5m
X-ZL08-FL 	5kg,15kg,25kg,50kg	Flange tension sensor; Two installation directions are available; Compact structure, suitable for installation in small-volume equipment;	 A2=89mm B=77.6mm C=50.8mm D=M10	Non-linearity:.....0.5%F.S. Rated output:.....1.0-2.0 mV/V Repeatability:.....0.2%F.S. Zero balance:.....2%F.S. Temp range:.....-20~80? Limit load:.....500%F.S. Cable size:.....? 5x5m
X-ZL09-E 	100N,250N,500N	Pillow block bearing tension sensor; Built-in new mechanical 10 times anti-overload protection; Drilling and tapping can be done according to customer requirements;	 A=132.5mm B=63.5mm C=184.2mm D=55.8mm	Non-linearity:.....0.5%F.S. Rated output:.....1.0-2.0 mV/V Repeatability:.....0.2%F.S. Zero balance:.....2%F.S. Temp range:.....-20~80? Limit load:.....150%F.S. Cable size:.....? 5x5m
X-ZL16-B 	5kg,15kg,25kg,50kg, 100kg	Pillow block bearing tension sensor; Strong connections provide long-term reliability; Minor temperature drift, good non-linearity and repeatability;	 A=64mm B=92mm C=149mm D=25mm	Non-linearity:.....0.25%F.S. Rated output:.....2.0 0.2% mV/V Repeatability:.....0.15%F.S. Zero balance:.....2%F.S. Temp range:.....-20~80? Limit load:.....200%F.S. Cable size:.....? 5x5m
X-ZL17 	5N,10N,20N,50N, 100N,300N	Shaft head tension sensor; Low tension conditions can also be accurately measured; Built-in new mechanical 10 times anti-overload protection;	 A=40mm B=6mm C=68mm	Non-linearity:.....0.2%F.S. Rated output:.....1.0 10% mV/V Repeatability:.....0.1%F.S. Zero balance:.....2%F.S. Temp range:.....-20~80? Limit load:.....1000%F.S. Cable size:.....? 5x5m
X-ZL18 	5N,10N,20N,30N,40N, 50N,100N,300N,500N, 1000N	Shaft head tension sensor; Easy to install, High accuracy; Minor temperature drift, good non-linearity and repeatability;	 A=34mm B=32mm L=12.9mm(Optional) C=97mm D=M25*1.5	Non-linearity:.....0.2%F.S. Rated output:.....1.0 10% mV/V Repeatability:.....0.1%F.S. Zero balance:.....2%F.S. Temp range:.....-20~80? Limit load:.....300%F.S. Cable size:.....? 4x5m

* Welcome customized non-standard sensors. (OEM/ODM)



Compression load cells

Applications:

3C
Automation

Automotive

Robot

Machinery
equipment

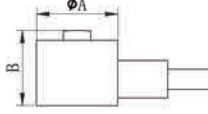
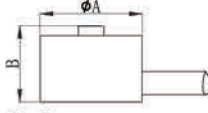
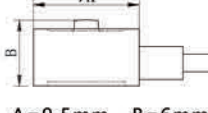
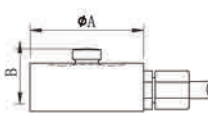
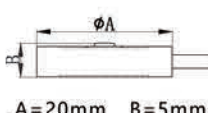
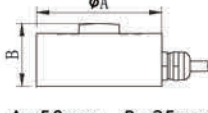
Electronic
equipment

Medical

New
energy

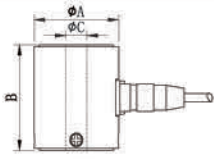
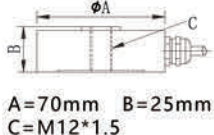
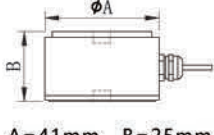
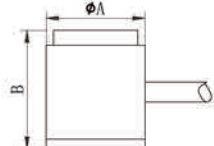
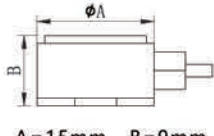
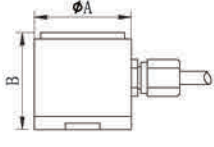
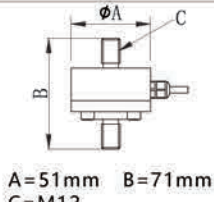
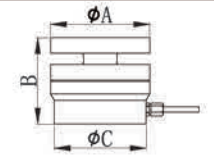
Agriculture

Make force measurement simple

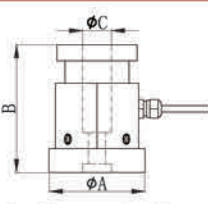
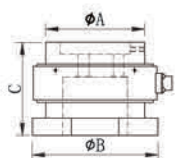
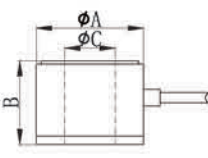
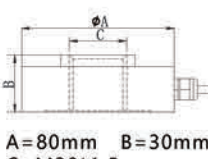
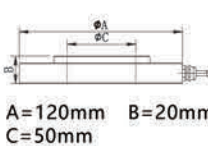
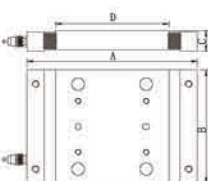
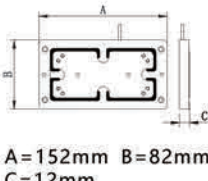
Model	Capacity	Feature	Size	Spec.
X-C01-6.5 	5kg,10kg,20kg,30kg,50kg	High quality stainless steel material; High response frequency; Capsule structure design,pressure bearing, easy and flexible installation;	 A=6.5mm B=6mm	Non-linearity:..... 0.5%F.S. Rated output:..... 0.9-2.2mV/V Recommended excitation:..... 5VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.5%F.S. Input impedance:.....350 100(1000 1000) Zero balance:..... 2%F.S.
X-C01-08 	3kg,5kg,10kg,20kg,30kg,50kg,100kg	High quality stainless steel material; Small size, beautiful appearance; ? Capsule structure design,pressure bearing, easy and flexible installation;	 A=8mm B=3.5mm(Optional)	Non-linearity:..... 0.5%F.S. Rated output:..... 0.5-1.5mV/V Recommended excitation:..... 5VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.5%F.S. Input impedance:.....350 100(1000 1000) Zero balance:..... 2%F.S.
X-C01-9.5 	5kg,10kg,20kg,30kg,50kg	High quality stainless steel material; With principle of resistance strain gauge, high accuracy; High response frequency;	 A=9.5mm B=6mm	Non-linearity:..... 0.5%F.S. Rated output:..... 1.0-1.5mV/V Recommended excitation:..... 5VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.2%F.S. Input impedance:.....350 100(1000 1000) Zero balance:..... 2%F.S.
X-C01-20-4M 	5kg,10kg,20kg,50kg,100kg,200kg,500kg,1000kg	High quality stainless steel material; High response frequency; Capsule structure design,pressure bearing, easy and flexible installation;	 A=20mm B=11mm	Non-linearity:..... 0.5%F.S. Rated output:..... 0.5-2.0mV/V Recommended excitation:..... 5VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.1%F.S. Input impedance:..... 1000 1000 Zero balance:..... 2%F.S.
X-C01-20-H5 	5kg,10kg,20kg,50kg,100kg	High quality stainless steel material; With principle of resistance strain gauge, high accuracy; Small size, beautiful appearance;	 A=20mm B=5mm	Non-linearity:..... 0.5%F.S. Rated output:..... 1.0-1.5mV/V Recommended excitation:..... 5VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.5%F.S. Input impedance:.....350 100(1000 1000) Zero balance:..... 2%F.S.
X-C02-3M 	5kg,10kg,20kg,50kg,100kg,200kg,500kg,1t,2t,5t,10t,12t	High quality stainless steel material; Small size, beautiful appearance; High response frequency;	 A=20mm B=12mm(Dimension varies depends on different measuring range)	Non-linearity:..... 0.5%F.S. Rated output:..... 1.0-1.5mV/V Recommended excitation:..... 5-10VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.1%F.S. Input impedance:.....1000 1000(750 500) Zero balance:..... 2%F.S.
X-C03-4M 	0.2t,0.5t,1t,2t,3t,5t,10t,12t,15t	High quality stainless steel material; Oil, water and corrosion resistant; High precision with the principle of resistance strain type;	 A=50mm B=25mm	Non-linearity:..... 0.2%F.S. Rated output:..... 1.0-1.5mV/V Recommended excitation:..... 5-10VDC Hysteresis:..... 0.2%F.S. Repeatability:..... 0.2%F.S. Input impedance:.....380 300(750 500) Zero balance:..... 2%F.S.
X-C04 	0.05t,0.1t,0.2t,0.5t,1t,2t,5t	High quality stainless steel material; Pressure-bearing, Easy installation; Oil, water and corrosion resistant;	 A=51mm B=39mm C=M12	Non-linearity:..... 0.3%F.S. Rated output:..... 1.0-1.5mV/V Recommended excitation:..... 5-10VDC Hysteresis:..... 0.3%F.S. Repeatability:..... 0.1%F.S. Input impedance:..... 750 500 Zero balance:..... 2%F.S.

* Welcome customized non-standard sensors. (OEM/ODM)

Compression load cells

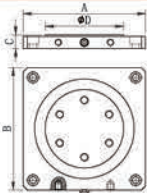
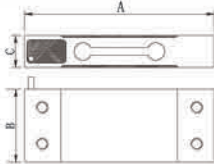
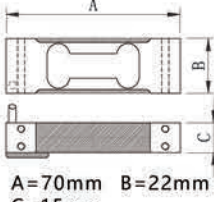
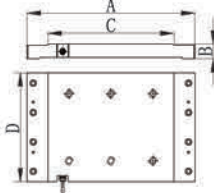
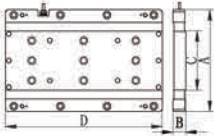
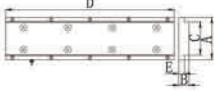
Model	Capacity	Feature	Size	Spec.
X-C05 	0.5t,1t,2t,5t,10t,20t,30t	Alloy steel / Stainless steel; High response frequency; Oil, water and corrosion resistant;	 A=40mm B=50mm C=10mm (Dimension varies depends on different measuring range)	Non-linearity:.....0.5%F.S. Rated output:.....1.0-1.5mV/V Recommended excitation:5-10VDC Hysteresis:.....0.5%F.S. Repeatability:.....0.5%F.S. Input impedance:.....380 300(750 500) Zero balance:.....2%F.S.
X-C11-70 	50kg,100kg,200kg,500kg,1t,2t	Alloy Steel Materials; With principle of resistance strain gauge, high accuracy; Pressure-bearing, easy to install and use;	 A=70mm B=25mm C=M12*1.5	Non-linearity:.....0.1%F.S. Rated output:.....2.0 10mV/V Recommended excitation:5-10VDC Hysteresis:.....0.1%F.S. Repeatability:.....0.1%F.S. Input impedance:.....380 300(750 500) Zero balance:.....2%F.S.
X-C18 	5kg,10kg,20kg,50kg,100kg,200kg,500kg,1t,2t,5t	High quality stainless steel material; High response frequency; With principle of resistance strain gauge, high accuracy;	 A=41mm B=25mm	Non-linearity:.....0.2%F.S. Rated output:.....2.00%mv/V Recommended excitation:5-10VDC Hysteresis:.....0.2%F.S. Repeatability:.....0.2%F.S. Input impedance:.....3800O(7500O) Zero balance:.....%F.S.
X-CS10-2M 	2kg,3kg,5kg	High quality stainless steel material; With principle of resistance strain gauge, high accuracy; Small size, beautiful appearance;	 A=10mm B=12mm	Non-linearity:.....0.05%F.S. Rated output:.....2.00%mv/V Recommended excitation:.....5VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....350 100(650 500) Zero balance:.....%F.S.
X-CS15-H9-2M 	2kg,3kg,5kg,10kg,20kg	High quality stainless steel material; Small size, beautiful appearance; High response frequency, high precision;	 A=15mm B=9mm	Non-linearity:.....0.05%F.S. Rated output:.....2.00%mv/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....3500O Zero balance:.....%F.S.
X-CS15-H15 	5kg,10kg,20kg,50kg	High quality stainless steel material; Pressure-bearing, easy to install and use; With principle of resistance strain gauge, high accuracy;	 A=15mm B=15mm	Non-linearity:.....0.05%F.S. Rated output:.....2.0 10%mv/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....350 100 Zero balance:.....2%F.S.
X-CS-51LW-B 	0.2t,0.5t,1t,2t	High quality stainless steel material; Oil, water and corrosion resistant; With principle of resistance strain gauge, high accuracy;	 A=51mm B=71mm C=M12	Non-linearity:.....0.1%F.S. Rated output:.....2.0 10%mv/V Recommended excitation:5-10VDC Hysteresis:.....0.1%F.S. Repeatability:.....0.1%F.S. Input impedance:.....750 500 Zero balance:.....2%F.S.
X-CS-U3 	0.05t,0.1t,0.2t,0.5t,1t,2t,5t,10t	High quality stainless steel material; High response frequency; Pressure-bearing, easy to install and use;	 A=54mm B=47mm C=50mm (Dimension varies depends on different measuring range)	Non-linearity:.....0.1%F.S. Rated output:.....1.00%mv/V Recommended excitation:5-10VDC Hysteresis:.....0.1%F.S. Repeatability:.....0.1%F.S. Input impedance:.....3800O(7500O) Zero balance:.....%F.S.

* Welcome customized non-standard sensors. (OEM/ODM)

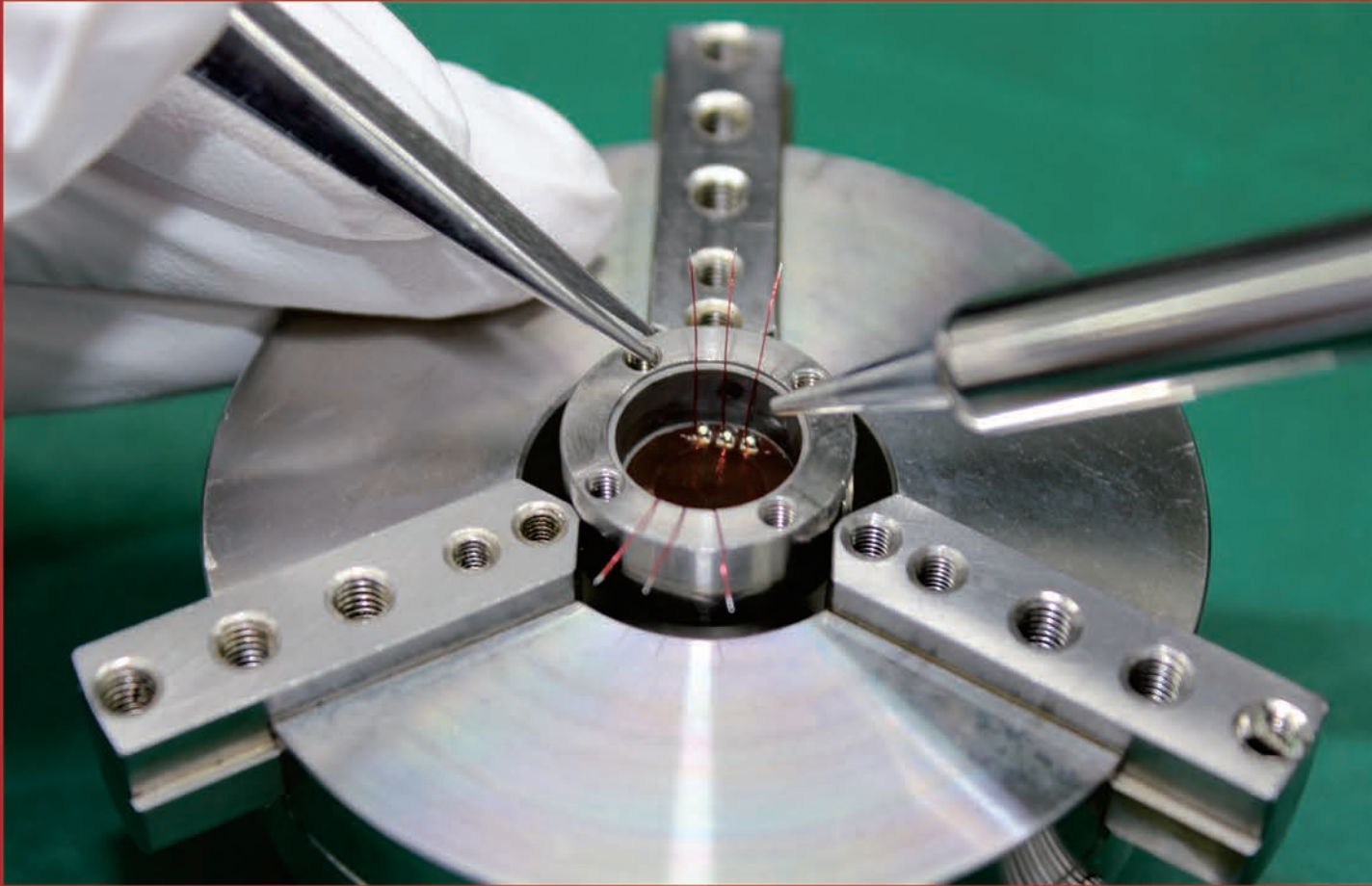
Model	Capacity	Feature	Size	Spec.
X-CS-U9 	1t,2t,5t	High quality stainless steel material; High response frequency; With principle of resistance strain gauge, high accuracy;	 A=60mm B=80mm C=18mm	Non-linearity:..... 0.5%F.S. Rated output:..... 2.0 10mV/V Recommended excitation:..5-10VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.5%F.S. Input impedance:.....380 300(750 500) Zero balance:..... 2%F.S.
X-CS-U9-B 	5t,10t,20t,50t	Alloy Steel Materials; Pressure-bearing, easy to install and use; With principle of resistance strain gauge, high accuracy;	 A=85mm B=108mm C=80mm	Non-linearity:..... 0.5%F.S. Rated output:..... 2.0 10mV/V Recommended excitation:..5-10VDC Hysteresis:..... 0.1%F.S. Repeatability:..... 0.1%F.S. Zero balance:..... 2%F.S.
X-H32 	10kg,20kg,50kg,100kg,200kg,500kg	High quality stainless steel material; Small size, beautiful appearance; Pressure-bearing, easy to install and use;	 A=32mm B=25mm C=15mm	Non-linearity:..... 0.5%F.S. Rated output:..... 1.0 0.2mV/V Recommended excitation:..5-10VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.5%F.S. Input impedance:.....380 300(750 500) Zero balance:..... 2%F.S.
X-H80 	0.5t,1t,2t,5t	Alloy Steel Materials; Oil, water and corrosion resistant; With principle of resistance strain gauge, high accuracy;	 A=80mm B=30mm C=M30*1.5	Non-linearity:..... 0.1%F.S. Rated output:..... 1.0 10mV/V Recommended excitation:..5-10VDC Hysteresis:..... 0.1%F.S. Repeatability:..... 0.1%F.S. Input impedance:.....750 500 Zero balance:..... 2%F.S.
X-H120 	50kg,500kg,1t,2t,5t,10t	Alloy Steel Materials; Pressure-bearing, easy to install and use; With principle of resistance strain gauge, high accuracy;	 A=120mm B=20mm C=50mm	Non-linearity:..... 0.5%F.S. Rated output:..... 2.0 10mV/V Recommended excitation:..5-10VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.5%F.S. Zero balance:..... 2%F.S.
X-B-D150 	5t,10t,15t,20t	Alloy Steel Materials; High response frequency; Pressure-bearing, Easy installation;	 A=300mm B=200mm C=36mm D=200mm	Non-linearity:..... 0.2%F.S. Rated output:..... 1.0 10mV/V Recommended excitation:..5-10VDC Hysteresis:..... 0.2%F.S. Repeatability:..... 0.2%F.S. Zero balance:..... 2%F.S.
X-B-D152-H12 	20kg,50kg,100kg,200kg,1000kg	Alloy steel / stainless steel; High precision and high stability; Compact structure, low installation height, beautiful appearance;	 A=152mm B=82mm C=12mm	Non-linearity:..... 0.5%F.S. Rated output:..... 1.0-1.5mV/V Recommended excitation:..5-10VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.5%F.S. Input impedance:.....380 300(750 500) Zero balance:..... 0.05%F.S.

* Welcome customized non-standard sensors. (OEM/ODM)

Compression load cells

Model	Capacity	Feature	Size	Spec.
X-B-D-L150-W150-H16.8 	0.5t, 1t, 2t, 5t	Alloy Steel Materials; ? High response frequency; ? Cantilever structure design, pressure bearing, easy and flexible installation;	 A=150mm B=150mm C=16.8mm D=96mm	Non-linearity:..... 0.5%F.S. Rated output:..... 2.0 10% mV/V Recommended excitation: 5-10VDC Hysteresis:..... 0.5%F.S. Repeatability:..... 0.5%F.S. Zero balance:..... 2%F.S.
X-X01 	3kg, 5kg, 10kg, 20kg, 50kg	? Aluminium alloy; ? High precision with the principle of resistance strain type; ? Four corner deviation has been compensated;	 A=130mm B=30mm C=22mm	Non-linearity:..... 0.03%F.S. Rated output:..... 2.0 $\pm$ 10% mV/V Recommended excitation: 5-10VDC Hysteresis:..... 0.03%F.S. Repeatability:..... 0.03%F.S. Input impedance:..... 400 $\pm$ 500 Zero balance:..... $\pm$ 2%F.S.
X-X02 	0.3kg, 0.6kg, 1kg, 2kg, 3kg	? Aluminium alloy; ? High precision and high stability; ? Cantilever structure design, pressure bearing, easy and flexible installation;	 A=70mm B=22mm C=15mm	Non-linearity:..... 0.02%F.S. Rated output:..... 2.0 10% mV/V Recommended excitation: 5-10VDC Hysteresis:..... 0.02%F.S. Repeatability:..... 0.02%F.S. Input impedance:..... 400 50 Zero balance:..... 1%F.S.
X-B76-H-A 	20t	? Alloy Steel Materials; ? Pressure-bearing, easy to install and use; ? High precision and high stability;	 A=400mm B=35mm C=300mm D=260mm	Non-linearity:..... 0.1%F.S. Rated output:..... 1.2-1.8 mV/V Recommended excitation: 5-10VDC Hysteresis:..... 0.1%F.S. Repeatability:..... 0.1%F.S. Zero balance:..... $\pm$ 2%F.S.
X-B77-G 	30t	? Alloy Steel Materials; ? High precision with the principle of resistance strain type; ? High response frequency;	 A=240mm B=30mm C=140mm D=370mm	Non-linearity:..... 0.1%F.S. Rated output:..... 1.5-2.0 mV/V Recommended excitation: 5-10VDC Hysteresis:..... 0.1%F.S. Repeatability:..... 0.1%F.S. Zero balance:..... 0.05%F.S.
X-B78 	20t	? Alloy Steel Materials; ? High response frequency; ? Pressure-bearing, easy to install and use;	 A=190mm B=45mm C=150mm D=760mm E=25mm	Non-linearity:..... 0.1%F.S. Rated output:..... 0.8-1.2 mV/V Recommended excitation: 5-10VDC Hysteresis:..... 0.1%F.S. Repeatability:..... 0.1%F.S. Zero balance:..... 2%F.S.
X-B121 	15t	? Alloy Steel Materials; ? High precision and high stability; ? Pressure-bearing, easy to install and use;	 A=700mm B=38mm C=620mm D=300mm E=20mm	Non-linearity:..... 0.1%F.S. Rated output:..... 1.0-1.5 mV/V Recommended excitation: 5-10VDC Hysteresis:..... 0.1%F.S. Repeatability:..... 0.1%F.S. Zero balance:..... 2%F.S.

* Welcome customized non-standard sensors. (OEM/ODM)



Tension & compression load cells

Applications:

3C
Automation

Automotive

Robot

Machinery
equipment

Electronic
equipment

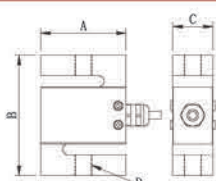
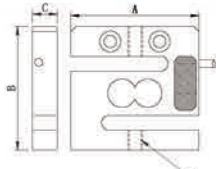
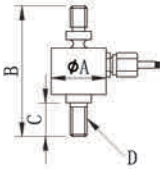
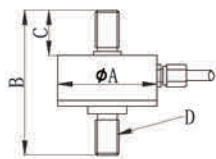
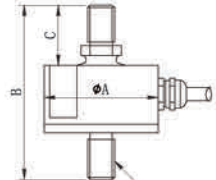
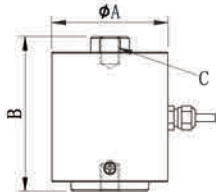
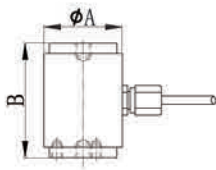
Medical

New
energy

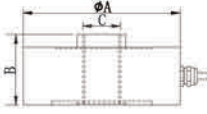
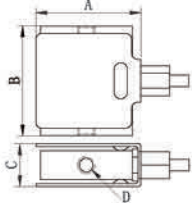
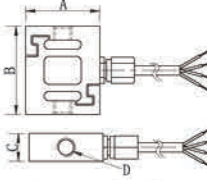
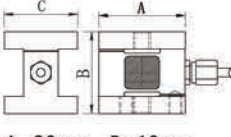
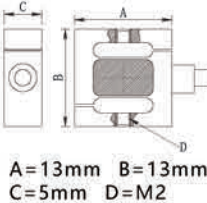
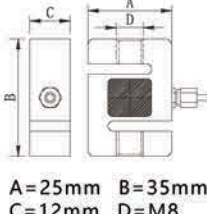
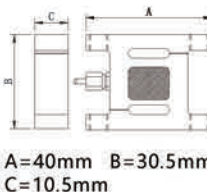
Agriculture

Make force measurement simple

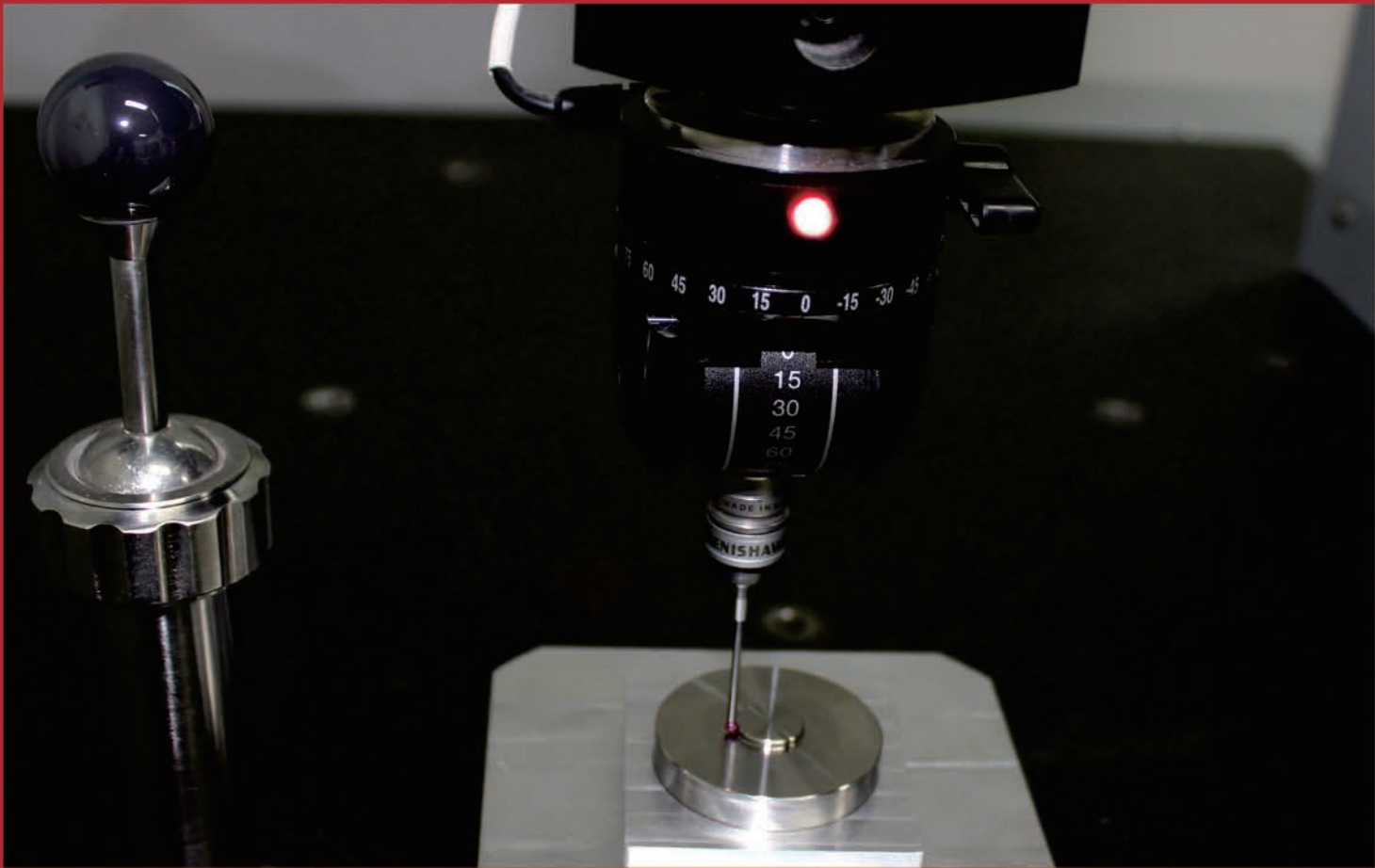
Tension & compression load cells

Model	Capacity	Feature	Size	Spec.
X-S02 	5kg,10kg,20kg,50kg, 100kg,200kg,500kg, 1t,1.5t,2t,5t,7t,8t,10t, 20t	Stainless steel/Alloy steel; S type structure, compression and tension; easy to install and use;	 A=51mm B=64mm C=12.7mm D=M8 (Dimension varies depends on different measuring range)	Non-linearity:.....0.02-0.05%F.S. Rated output:.....2.0 10%mV/V Recommended excitation:5-10VDC Hysteresis:.....0.02-0.05%F.S. Repeatability:.....0.02-0.05%F.S. Input impedance:.....380 300 Zero balance:.....1%F.S.
X-S03 	5kg,10kg,20kg,50kg	Aluminium alloy/ Alloy steel; High precision and high stability; S type structure, compression and tension;	 A=52mm B=50mm C=10mm D=M6	Non-linearity:.....0.03%F.S. Rated output:.....2.0 10%mV/V Recommended excitation:5-10VDC Hysteresis:.....0.03%F.S. Repeatability:.....0.03%F.S. Input impedance:.....400 500 Zero balance:.....2%F.S.
X-S05-13 	5kg,10kg,50kg,100kg	Stainless steel; Seal Welding, Oil, Water, Corrosion resistance; Small size, beautiful appearance;	 A=13mm B=31mm C=8mm D=M4	Non-linearity:.....0.5%F.S. Rated output:.....1.0 10%mV/V Recommended excitation:5-10VDC Hysteresis:.....0.5%F.S. Repeatability:.....0.5%F.S. Input impedance:.....1000 1000 Zero balance:.....2%F.S.
X-S05-25 	5kg,10kg,20kg,50kg, 100kg	Stainless steel; Dual Pull and pressure,easy to install and use; Small size, beautiful appearance;	 A=25.4mm B=37mm C=11.5mm D=M5(Optional)	Non-linearity:.....0.1%F.S. Rated output:.....1.0 10%mV/V Recommended excitation:5-10VDC Hysteresis:.....0.1%F.S. Repeatability:.....0.1%F.S. Input impedance:.....750 500 Zero balance:.....2%F.S.
X-S05-T 	10kg,50kg,100kg, 500kg,1000kg	Stainless steel; Dual Pull and pressure,easy to install and use; High precision with the principle of resistance strain type;	 A=34mm B=52mm C=18mm D=M8(Optional)	Non-linearity:.....0.5%F.S. Rated output:.....1.5-2.2mV/V Recommended excitation:5-10VDC Hysteresis:.....0.5%F.S. Repeatability:.....0.5%F.S. Input impedance:.....380 300(750 500) Zero balance:.....2%F.S.
X-S07 	50kg,100kg,200kg, 500kg,1t,2t,3t	Stainless steel/ Aluminium alloy; High precision with the principle of resistance strain type; S type structure, compression and tension;	 A=60mm B=80mm(Optional) C=M10*1.5-6H Deep14(Optional)	Non-linearity:.....0.05%F.S. Rated output:.....1.0 10%mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....380 300 Zero balance:.....2%F.S.
X-S07-Q-15 	5kg,10kg,20kg,50kg	Stainless steel; Small size, beautiful appearance; Dual Pull and pressure,easy to install and use;	 A=15mm B=22mm	Non-linearity:.....0.05%F.S. Rated output:.....2.0 10%mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....350 100 Zero balance:.....2%F.S.

* Welcome customized non-standard sensors. (OEM/ODM)

Model	Capacity	Feature	Size	Spec.
X-L08 	50kg, 100kg, 200kg, 500kg, 1t, 2t, 5t, 7t, 10t, 20t, 30t	Stainless steel/Alloy steel; Wheel-shape, beautiful appearance; High dynamic response frequency, High precision;	 A=88mm B=34mm C=M12*1.75 (Dimension varies depends on different measuring range)	Non-linearity:..... 0.1%F.S. Rated output:..... 2.0 0.05mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Zero balance:..... 2%F.S.
X-S09-A-OP-M3 	250g, 500g, 1kg, 2kg, 5kg	Stainless steel; High precision with the principle of resistance strain type; S type structure, compression and tension;	 A=18mm B=19.1mm C=7.5mm D=M3	Non-linearity:..... 0.05%F.S. Rated output:.....2.0 10% mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....350 100 Zero balance:..... 2%F.S.
X-S09-A-OP 	5kg, 10kg, 20kg, 50kg, 100kg, 200kg	Stainless steel; S type structure, compression and tension; Small size, beautiful appearance;	 A=16mm B=19.1mm C=6mm D=M4	Non-linearity:..... 0.05%F.S. Rated output:.....2.0 10% mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....350 100 Zero balance:..... 2%F.S.
X-S09-A-W17-3M-OP 	5kg, 10kg, 20kg, 50kg,	Stainless steel/ Aluminium alloy; S type structure, compression and tension, easy to install and use; High precision with the principle of resistance strain type;	 A=20mm B=19mm C=17mm	Non-linearity:..... 0.05%F.S. Rated output:.....2.0 10% mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....350 100 Zero balance:..... 2%F.S.
X-S09-A-X 	1kg, 2kg, 5kg, 10kg	Stainless steel; S type structure, compression and tension, easy to install and use; Small size, beautiful appearance;	 A=13mm B=13mm C=5mm D=M2	Non-linearity:..... 0.05%F.S. Rated output:.....2.0 10% mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....350 100 Zero balance:..... 2%F.S.
X-S09-B-M8 	5kg, 10kg, 20kg, 30kg, 50kg, 100kg, 200kg	Stainless steel; With principle of resistance strain gauge, high accuracy; S type structure, compression and tension, easy to install and use;	 A=25mm B=35mm C=12mm D=M8	Non-linearity:..... 0.05%F.S. Rated output:.....2.0 10% mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....380 300 Zero balance:..... 2%F.S.
X-S09-Z 	10kg, 30kg, 50kg, 100kg	Stainless steel; Small size, beautiful appearance; With principle of resistance strain gauge, high accuracy;	 A=40mm B=30.5mm C=10.5mm	Non-linearity:..... 0.05%F.S. Rated output:.....2.0 10% mV/V Recommended excitation:5-10VDC Hysteresis:.....0.05%F.S. Repeatability:.....0.05%F.S. Input impedance:.....380 300 Zero balance:..... 2%F.S.

* Welcome customized non-standard sensors. (OEM/ODM)



Transmitters

Applications:

3C
Automation

Lithium
battery

Industrial
equipment

Medical
equipment

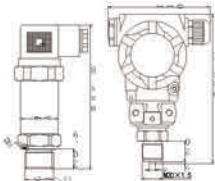
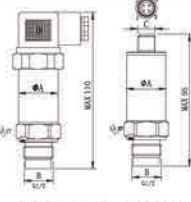
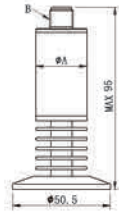
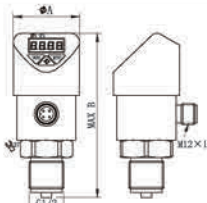
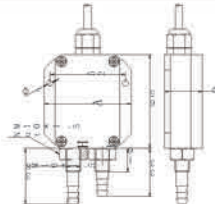
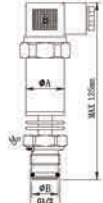
Refrigeration
equipment

Water
supply

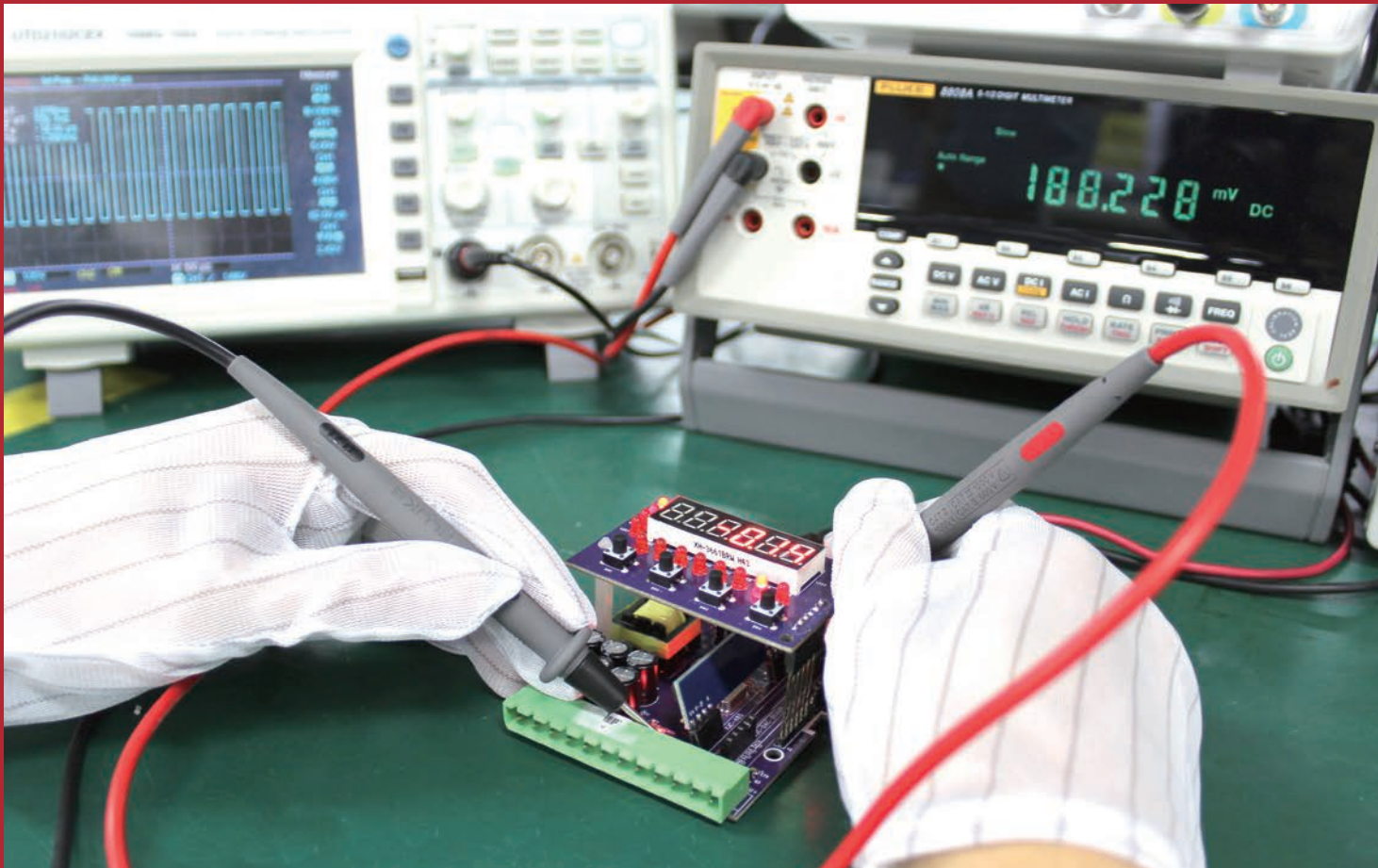
Process
monitoring

Gases/
Liquids
Control

Make force measurement simple

Model	Capacity	Feature	Size	Spec.
X-100T 	-100kpa~0 0~5kpa~1000bar	? Corrosion resistance and long-term stability; ? Multiple pressure connection threads and wiring options; ? Wide range temperature compensation	 A=26.5mm B=105mm C=155mm	Accuracy:..... 0.25%F.S./ 0.5%F.S.(Optional) Operating temp range:.....-40?- 85? Response Time:.....=30ms Fatigue life:.....Designed more than 100 million times Liquid part:.....SS316L,17-4PH Protection class:.....IP65/IP67 Weight:.....About 350g
X-100PS Flat film type 	0~10bar~3000bar	Pure flat film design; Multiple mounting interfaces optional; Multiple output signals Optional;	 A=26.5mm B=M20X1.5 C=M12 X 1	Accuracy:..... 0.25%F.S./ 0.5%F.S.(Optional) Operating temp range:.....-40?- 85? Response Time:.....=30ms Fatigue life:.....Designed more than 100 million times Liquid part:.....SS316L,17-4PH Protection class:.....IP65/IP67 Weight:.....About 350g
X-100K Hygienic type 	-100kpa~0 0~20kpa~35bar	Hygienic design, CIP-SIP cleaning compliant; Good long-term stability, high interference resistance; Multiple electrical connections;	 A=26.5mm B=M12X1	Accuracy:..... 0.25%F.S./ 0.5%F.S.(Optional) Operating temp range:.....-40?- 85? Medium temperature:.....-40?- 120? Response Time:.....=30ms Fatigue life:.....Designed more than 100 million times Liquid part:.....SS316L,HC,MON,PTEF Protection class:.....IP65/IP67 Weight:.....About 350g
X-100SX Smart Pressure Switches 	-100kpa~0 0~5kpa~1000bar	330 degree rotatable gauge head; PNP or NPN switch output available; Good long-term stability, high interference resistance;	 A=38mm B=100mm	Accuracy:..... 0.25%F.S./ 0.5%F.S.(Optional) Operating temp range:.....-20?- 60? Response Time:.....=5ms Fatigue life:.....Designed more than 100 million times Liquid part:.....SS304,SS316L Protection class:.....IP65 Weight:.....About 200g
X-100CY-Q Differential wind pressure 	0~1kpa~600kpa	High performance cores, compact design; Multiple output signals optional; Adjustable and calibratable on site;	 A=60mm B=26mm	Accuracy:.....±1%F.S. Operating temp range:.....-30?- 70? Response Time:.....=10ms(Pressure) Fatigue life:.....Designed more than 100 million times Protective tube diameter:.....6mm,8mm etc Protection class:.....IP65 Weight:.....About 250g
X-100CY-S Compact type Differential Pressure 	0~5kpa~60bar	High performance diffusion silicon cores; Multiple output signals optional; Multiple electrical connections,good long-term stability;	 A=26.5mm B=88mm	Accuracy:.....±0.25%F.S./ ±0.5%F.S.(Optional) Operating temp range:.....-40?- 85? Response Time:.....=30ms Fatigue life:.....Designed more than 100 million times Liquid part:.....SS316L Protection class:.....IP65/IP67 Weight:.....About 800g
X-100P Flat inlay diaphragm type 	-100kpa~0 0~20kpa~35bar	Hygienic design, CIP-SIP cleaning compliant; Multiple electrical connections; Multiple mounting interfaces optional;	 A=26.5mm B=18mm	Accuracy:..... 0.25%F.S./ 0.5%F.S.(Optional) Operating temp range:.....-40?- 85? Response Time:.....=30ms Fatigue life:.....Designed more than 100 million times Liquid part:.....SS316L Protection class:.....IP65/IP67 Weight:.....About 200g

* Welcome customized non-standard sensors. (OEM/ODM)



Instrument/Module/Dynamometers

Applications:

3C
Automation

Automotive

Robot

Machinery
equipment

Electronic
equipment

Medical

New
energy

Agriculture

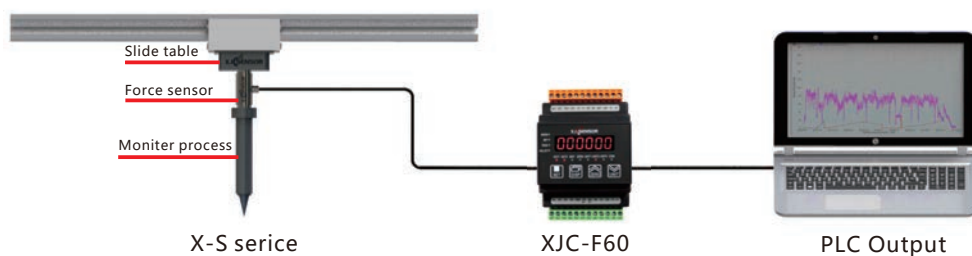
Make force measurement simple

Model	Spec.	Input	Output	Feature
X-F50 	Multiple working modes can be switched; Two-way isolated serial port function, With RS485 and RS232 interface for communication with the host; Support smart sensor; 55*84.5*55mm;	0.5-3.0mV/V	RS232,RS485, 10V, 4-20mA	Supply voltage:..... 24VDC Accuracy:.....0.03%F.S. Resolution:.....1/50000 Non-linearity:..... 0.03%F.S. Sampling rate:..... 15-1920Hz Operating temp range:.....-10?- 60?
X-F30 	High stability; Multiple working modes can be switched; Support smart sensor; 96*82*48 mm;	0.5-3.0mV/V	RS232,RS485, 10V, 4-20mA	Supply voltage:..... 24VDC Accuracy:.....0.03%F.S. Resolution:.....1/50000 Non-linearity:..... 0.03%F.S. Sampling rate:..... 15-1920Hz Operating temp range:.....-10?- 60?
X-F100 	Built-in multi-stage amplifier chip, independent power supply to supply the sensor to work; High speed transmission output,high dynamic response frequency; 65*10*30mm;	0.5-3.0mV/V	RS232,RS485, 10V, 4-20mA	Supply voltage:..... 12VDC,24VDC Accuracy:.....0.03%F.S. Resolution:.....1/50000 Non-linearity:..... 0.1%-0.03%F.S. Sampling rate:.....15-1920Hz z(Switchable) Operating temp range:.....-10?- 60?
X-F60 	Multiple sensitivity inputs, switchable; Good long-term stability and good anti-interference performance; Support smart sensor; 71.5*58.1*106 mm;	0.5-3.0mV/V	RS232,RS485, 10V, 4-20mA	Supply voltage:.....24VDC Accuracy:.....0.03%F.S. Resolution:.....1/50000 Non-linearity:..... 0.1%-0.03%F.S. Sampling rate:..... 15-1920Hz(Switchable) Operating temp range:.....-10?- 60?
X-F61 	Built-in multi-stage amplifier chip, independent power supply to supply the sensor to work; High speed transmission output,high dynamic response frequency; Support smart sensor; 23*111*100mm	0.5-3.0mV/V	RS232,RS485, 10V, 4-20mA	Supply voltage:.....24VDC Accuracy:.....0.03%F.S. Resolution:.....1/50000 Non-linearity:..... 0.1%-0.03%F.S. Sampling rate:..... 15-4800Hz(Switchable) Operating temp range:.....-10?- 60?
X-FD-R4F 	Multiple sensitivity inputs, switchable; Analog digital transmission output; 76*28*75mm;	0.5-3.0mV/V	RS232,RS485, 10V, 4-20mA	Supply voltage:.....24VDC Accuracy:.....0.03%F.S. Resolution:.....1/10000 Non-linearity:..... 0.1%-0.03%F.S. Sampling rate:.....10/80Hz Operating temp range:.....-10?- 60?
X-E10XF 	Built-in multi-stage amplifier chip, independent power supply to supply the sensor to work; Independent channel sampling,High response frequency; 58.5 *122*130mm 29*98*130mm 29*98*130mm	0.2-3.0mV/V	RS485,EtherNET	Supply voltage:.....24VDC Accuracy:..... 0.05%F.S. Resolution:.....1/50000 Non-linearity:.....0.02%F.S. Sampling rate:....10-1280HZ,4000HZ Operating temp range:.....-10?- 60?

* Welcome customized non-standard sensors. (OEM/ODM)

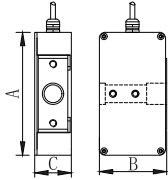
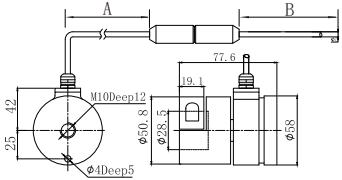
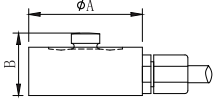
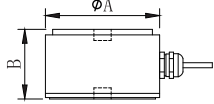
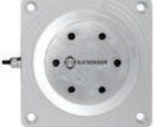
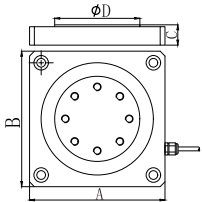
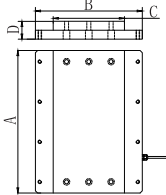
Model	Spec.	Input	Output	Feature
X-EC10XF 	Built-in multi-stage amplifier chip, independent power supply to supply the sensor to work; ? High speed transmission output, high dynamic response frequency ? 54*97*139mm	0.2-3.0mV/V	RS485, EtherCAT	Supply voltage:.....24VDC Accuracy:..... 0.05%F.S. Resolution:..... 1/10000 Non-linearity:.....0.002%F.S. Sampling rate:.....10-8000HZ Operating temp range:-10℃ 60℃
X-H100F 	? Multipoint calibration function; ? Auto/manual calibration two modes; ? Built in multi-level amplifier chip and built-in lithium battery ? 83*38.30*133.50mm	0.1-3.0mV/V	Rs485	Charging voltage:..... 5.5VDC Accuracy:.....0.03%F.S. Resolution:..... 1/50000 Non-linearity:..... 0.01%F.S. Sampling rate:10-1280Hz(Adjust) Operating temp range:-10℃ 60℃ Channels:..... 1-6(Optional)
X-F62 	• High -speed transmission output, high dynamic response frequency; • 113*71*110mm • 75*71*110mm • 48*71*106mm	0.5-3.0mV/V	RS232, RS485, 10V, 4-20mA	Supply voltage:.....24VDC Accuracy:.....0.03%F.S. Resolution:..... 1/50000 Non-linearity:.....0.1%-0.03%F.S. Sampling rate:..... 10-1280Hz(Optional) Operating temp range:-10℃ 60℃ Channels:.....4/6/8/16(Optional)
X-FD-DC-M 	• Multiple sensitivity inputs, switchable; • High speed transmission output, high dynamic response frequency; ? Zero point adjustment and gain adjustment externally, Convenient and quick; ? 82.5*26.5*61mm	0.1-3.0mV/V	0-5V, 10V, -5~+5V or 4-20mA	Supply voltage:.....24VDC Accuracy:..... 0.1%-0.15%F.S. Non-linearity:.....0.1%-0.15%F.S. Response bandwidth:.....250Hz Operating temp range:-10℃ 60℃
X-C100F 	? Sensitivity calibration, weight calibration; ? Fast and stable weighing algorithm, high response frequency; ? 75*36.2*169mm	0.5-3.0mV/V	RS232, RS485, 0-10V, 10V, 4-20mA	Supply voltage:.....36VDC Accuracy:.....0.01%F.S. Resolution:..... 1/50000 Non-linearity:..... 0.01%F.S. Sampling rate:.....15-1920Hz(Optional) Operating temp range:....-10℃ 60℃

* Welcome customized non-standard sensors. (OEM/ODM)



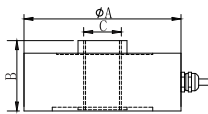
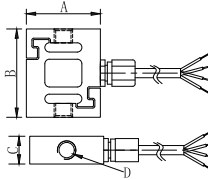
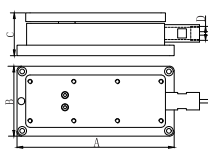
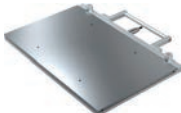
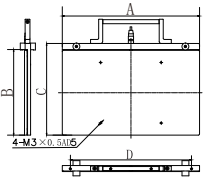
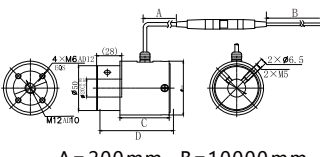


The following products are UL certified

Model	Capacity	Feature	Size	Spec.
XJC-ZL06U 	0-7kg	? Cantilever tension sensor; ? Built-in new mechanical 10 times anti-overload protection;	 A=95.8mm B=54.5mm C=31.2mm	Non-linearity:.....0.2%F.S. Rated output:.....1mV/V Repeatability:.....0.1%F.S. Zero balance:.....2%F.S. Temp range:.....-20~75 Limit load:.....500%F.S. Cable size:.....? 5x5mm
XJC-ZL08U 	0-30kg	? Flange tension sensor; ? Two installation directions are available;	 A=200mm B=5000mm	Non-linearity:.....0.5%F.S. Rated output:.....2.4mV/V Repeatability:.....0.2%F.S. Zero balance:.....2%F.S. Temp range:.....-20~75 Limit load:.....500%F.S. Cable size:.....? 5x5mm
XJC-Y01U 	0-2t	? High quality stainless steel material; ? High response frequency;	 A=20mm B=11mm	Non-linearity:.....0.5%F.S. Rated output:.....1.5mV/V Recommended excitation:.....5VDC Hysteresis:.....0.5%F.S. Repeatability:.....0.5%F.S. Input impedance:.....1000 100 Zero balance:.....2%F.S.
XJC-Y18U 	0-2t	? High quality stainless steel material; ? High response frequency;	 A=41mm B=25mm	Non-linearity:.....0.5%F.S. Rated output:.....2.4mV/V Recommended excitation:.....10VDC Hysteresis:.....0.5%F.S. Repeatability:.....0.5%F.S. Input impedance:.....380 30Ω 750 50Ω Zero balance:.....3%F.S.
XJC-D140U 	0-10t	? Alloy Steel ; ? High response frequency;	 A=140mm B=140mm C=21mm D=88mm	Non-linearity:.....0.1%F.S. Rated output:.....2.4mV/V Recommended excitation:.....10VDC Hysteresis:.....0.1%F.S. Repeatability:.....0.1%F.S. Zero balance:.....2%F.S.
XJC-P88U 	0-30t	? Alloy Steel ; ? High precision and high stability;	 A=320mm B=240mm C=160mm D=40mm	Non-linearity:.....0.1%F.S. Rated output:.....3mV/V Recommended excitation:.....10VDC Hysteresis:.....0.1%F.S. Repeatability:.....0.1%F.S. Zero balance:.....2%F.S.

* Welcome customized non-standard sensors. (OEM/ODM)

UL certified products

Model	Capacity	Feature	Size	Spec.
XJC-S08U 	0-30t	Stainless steel/Alloy steel; Spoke type, beautiful appearance;	 A=141mm B=57.2mm C=M36*3	Non-linearity:..... 0.05%F.S. Rated output:..... 2.4mV/V Recommended excitation:..... 10VDC Hysteresis:..... 0.05 %F.S. Repeatability:..... 0.05 %F.S. Input impedance:..... 750 500 Zero balance:..... 0.05mV/V
XJC-S09U 	0-50kg	Stainless steel; S type structure, compression and tension;	 A=16mm B=19.1mm C=6mm D=M4	Non-linearity:..... 0.05%F.S. Rated output:..... 2mV/V Recommended excitation:..... 10VDC Hysteresis:..... 0.05 %F.S. Repeatability:..... 0.05 %F.S. Input impedance:..... 350 100 Zero balance:..... 0.04mV/V
XJC-TS50U 	0-15kg	Aluminum steel; High precision and high stability;	 A=180mm B=80mm C=49mm D=PT3/8	Non-linearity:..... 0.01%F.S. Rated output:..... 2mV/V Recommended excitation:..... 10VDC Hysteresis:..... 0.01 %F.S. Repeatability:..... 0.01 %F.S. Input impedance:..... 400 500 Zero balance:..... 2 %F.S.
XJC-TS09U 	2t,3t,5t,7t,10t	Alloy steel / Aluminium alloy; Adopts high-precision resistance strain principle; High precision and high stability; High response frequency;	 A=340mm B=212mm C=227mm D=300mm	Non-linearity:..... = 0.1%F.S. Rated output:..... 1.0-2.0mV/V Recommended excitation:..... 5VDC Hysteresis:..... = 0.1%F.S. Repeatability:..... = 0.1%F.S. Zero balance:..... 2 %F.S.
XJC-ZL01U 	2kg,5kg,7kg,10kg 20kg,25kg	Alloy steel / Aluminium alloy;	 A=200mm B=1000mm C=55mm D=82mm	Non-linearity:..... = 0.1%F.S. Rated output:..... 0.5-1.5mV/V Recommended excitation:..... 5VDC Hysteresis:..... = 0.1%F.S. Repeatability:..... = 0.1%F.S. Input impedance:..... 380 300 Zero balance:..... 2 %F.S.

Model	Spec.	Input	Output	Feature
XJC-T100FU 	Good long-term stability and good anti-interference performance; Support smart sensor; 71.5*58.1*106 mm;	0.5-3.0mV/V	RS232,RS485, 10V, 4-20mA	Supply voltage:..... 24VDC Accuracy:..... 0.03%F.S. Resolution:..... 1/50000 Non-linearity:..... 0.1%-0.03%F.S. Sample rate:15-1920Hz(Switchable) Operating temp range:..... -10? - 50?
XJC-C100FU 	• Good long-term stability and good anti-interference performance; • Temp & Weight calibration; • 98*106*50 mm;	0.5-3.0mV/V	RS232,RS485, 10V, 4-20mA	Supply voltage:..... 24VDC Accuracy:..... 0.01%F.S. Resolution:..... 1/500000 Non-linearity:..... 0.1%-0.03%F.S. Sample rate:15-1920Hz(Switchable) Operating temp range:..... -10? - 50?

* Welcome customized non-standard sensors. (OEM/ODM)

Advisory assistance, service and support our customer



Branch

Shenzhen HQ factory | Huizhou factory | Suzhou office
Beijing office | Korea office | Vietnam office Ongoing ...

Service

Service and technical support

XJCSENSOR Branch



Shenzhen HQ factory

Huizhou factory



Suzhou office



Beijing office



Korea office



Make force measurement simple

Make force measurement simple

Korea Office

ADD. : 경기도 오산시 수목원로 88번길 35,현대테라타워 15층 F1513호

Tel : +82(031) 8077-9019

Fax : +82(031)8077-9020

Email : daehan@daehan-instr.com

Website : www.daehan-instr.com

Shenzhen HQ

ADD. : Floor 1-2, Building A02, Dayun AI Town, Henggang Str., Longgang Dist., Shenzhen, CN.

Tel : +86 (755) 2788 7290 / 8523 2302

Fax : +86 (755) 2332 4806

Email : info@xjcsensor.com

Website : www.xjcsensor.com

Huizhou factory | Beijing office | Suzhou office | Korea office | Vietnam office