



MLC314 Crane Scale Load Cell 100Ton Tensile Machine Force Sensor

Model: MLC314

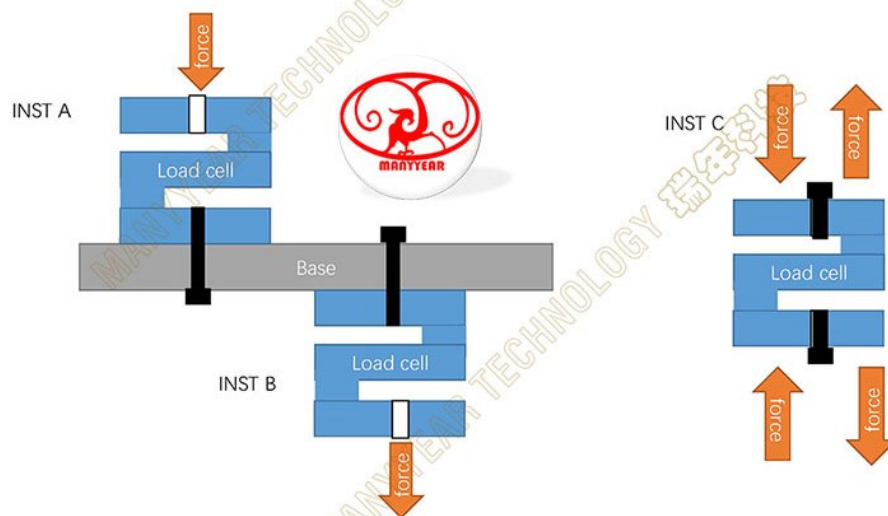
Category: Plate ring load cell

Range : 1,3,5,10,15,20,30,50,100 ton

Size: 255*130*30mm;295*130*40mm

Material: Alloy steel, Stainless steel

Application: hook scale, tensile machine

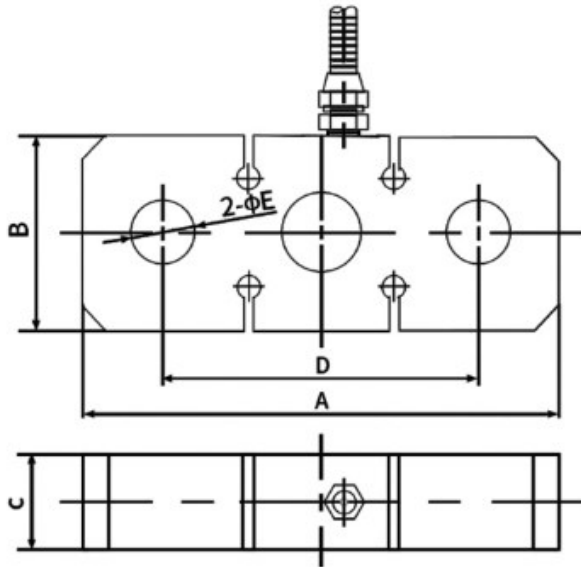




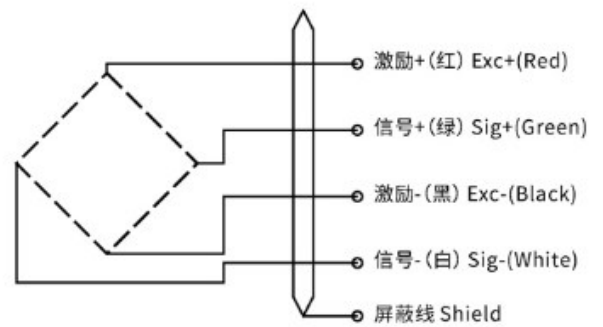
MANYEAR TECHNOLOGY

Tension and Compression Load Cell Catalog

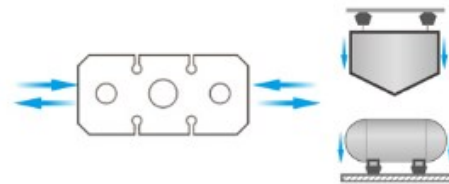
外形尺寸 External Dimension



传感器接线示意图 Sensor wiring diagram



传感器受力图 Force diagram of sensor



量程	A	B	C	D	2-φE
1~3t	196	80	30	130	25
5~8t	196	80	40	130	25
10~15t	260	100	45	170	40
20~30t	260	100	50	170	40
50t	360	120	65	230	60
100t	570	230	85	360	96

Other sizes

Technical specifications

Comprehensive error:	0.3 % FS	Output resistance:	352±3Ω
Rated output:	2±0.0 5 mv/v	Insulation resistance:	≥5000MΩ(100VDC)
Nonlinearity:	0.3 % FS	Operating Voltage:	9~12VDC
Lag:	0.3 % FS	Compensation temperature:	-10~+40°C
Repeatability:	0.1 % FS	Operating temperature:	-20~+65°C
Creep:	0.1 % FS/10MIN	Effect of Temp. on zero point:	0.0 5 %FS/10°C
Zero balance:	±1%FS	Effect of Temp. on sensitivity:	0.0 5 %FS/10°C
Input resistance:	3 5 0±3Ω	Protection level:	IP68