

## PCWL-L19 Load Cell

### Features

- Spoke sensors
- Alloy steel/stainless steel material
- Tension and compression in both directions

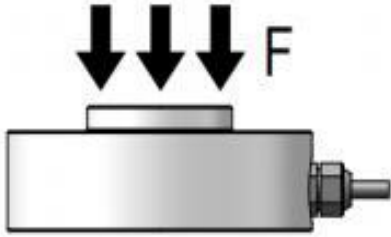
### Applications

- Applied in testing machines, truck scales, hopper scales, and various industrial weighing systems

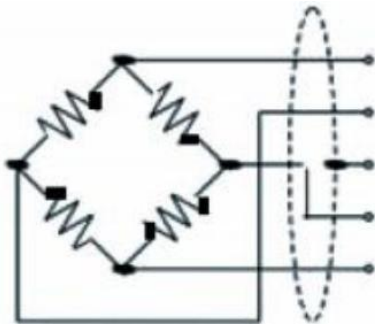


Parameter performance	Specification
Capacity	0.1,0.2,1,2,3,5,10,15,20,25,30T
Output sensitivity	2.0±1% $mV/V$ (0.1,0.2kN) 3.0±1% $mV/V$ (1~30kN)
Zero output	±1% F.S
Non-linearity	0.03%F.S.
Hysteresis	0.03%F.S.
Repeatability	0.03%F.S.
Creepage (30min)	0.03%F.S.
Temp. sensitivity drift	0.02%F.S./10°C
Zero point temperature drift	0.02%F.S./10°C
Input impedance	780±10Ω
Output impedance	700±5Ω
Insulation	≥5000MQ/100VDC
Excitation voltage	5~15V
Maximum excitation voltage	20V
Compensated temp. range	-10~40°C
Operating temp. range	-10~70°C
Safe ove-rload	150%F.S.
Ultimate over-load	200%F.S.
Cable size	Ø5×6000mm

### Load direction



### Structure and dimensions



EXC+ Red (红)  
 SIG+ Green(绿)  
 Shield 屏蔽线  
 SIG- White(白)  
 EXC- Black(黑)

### Pressure range selection

Capacity(t)	A	B	C	D	E	F	G	H	M
0.1,0.2,1,2,3,5	105	75	32	34	89	26.8	7.5	37	M16×1.5
10,15,20,25	120.6	83	39	41	101.8	30.5	8.5	53.5	M32×1.5
30	141	96.6	50.4	50.8	116.8	39.8	11	57.2	M40×1.5

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