

Single Point Load Cell

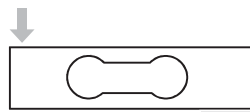
SPL120, 130, 140

1kgf~300kgf, 500kgf~1tf

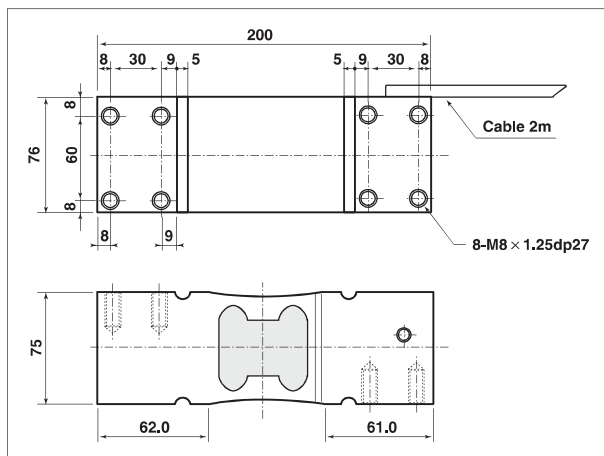


FEATURES

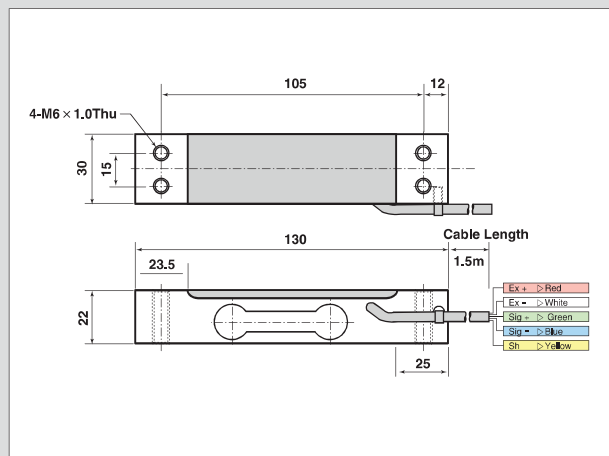
- Low cost
- Off center compensate
- Protection class IP65



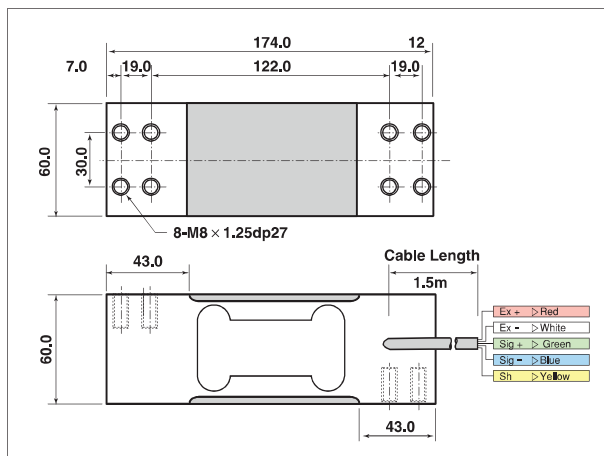
DIMENSIONS (unit : mm) SPL140 500kg~1tf



DIMENSIONS (unit : mm) SPL120 3kg~30kg



DIMENSIONS (unit : mm) SPL130 30kg~300kg



SPECIFICATIONS

Rated capacity(R.C.)	kgf, tf	1, 2, 3, 5 kgf	5, 10, 15, 30, 50, 100, 150, 300, 500 kgf, 1tf
Rated output(R.O.)	mV/V	1.0 ± 10%	2.0 ± 10%
Zero balance	mV/V	0 ± 0.05	0 ± 0.01
Combined error	%	0.03	0.03
Repeatability	%	0.01	0.01
Creep for 30 min	%	0.03	0.03
Temperature effect on			
Zero Value	%/10℃	0.03	0.03
Output Value	%/10℃	0.02	0.02
Excitation			
Recommended	V	10	10
Maximum	V	15	15
Resistance			
Input	Ω	400 ± 30	400 ± 30
Output	Ω	350 Ω ± 3.5	350 Ω ± 3.5
Insulation	MΩ	> 2,000	> 2,000
Compensated temperature range	℃	-10 to + 40	-10 to + 40
Operating temperature range	℃	-30 to + 80	-30 to + 80