

This special load cell is offered in 30 LBS capacity. Designed for fast response time makes it perfect for precision filling and checkweighing applications. Integral overload stop offers positive overload protection in both tension and compression directions.



FEATURES

- Capacities 30lbs
- Environmental Protection IP67
- High Natural Frequency with fast response time
- Integral overload stop
- Stainless Steel Construction

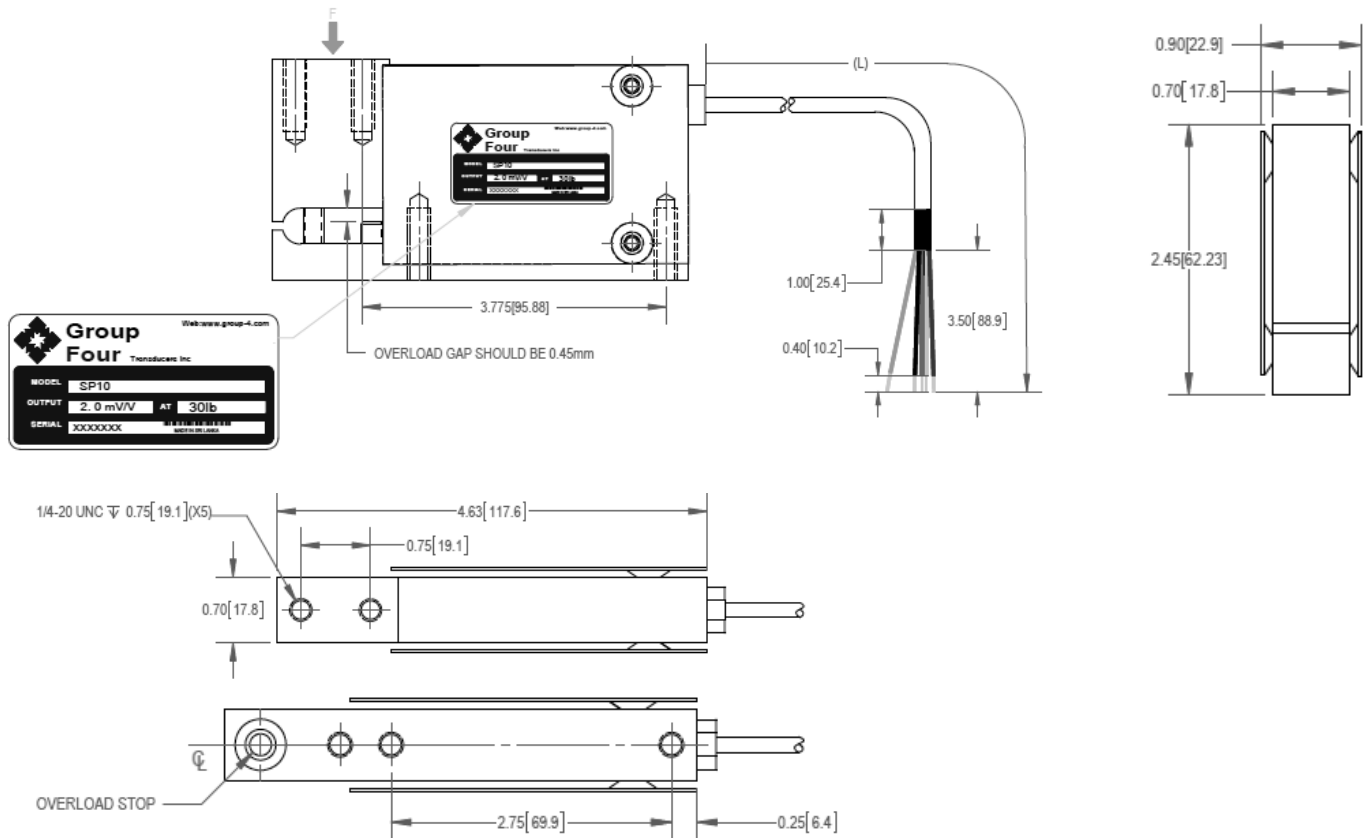
APPLICATIONS

- Checkweighing
- High Precision Filling
- Packaging

OPTIONS

- mV/V Ω Calibration

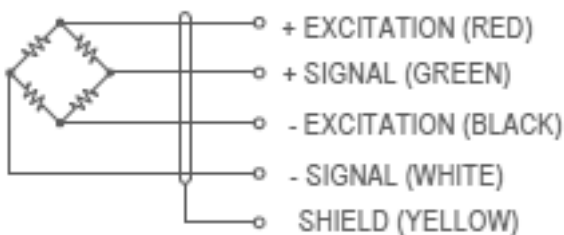
DIMENSIONS



SPECIFICATIONS

Model	4101	
Capacities	lb	30
Full Scale Output (FS)	mV/V	2.0±0.2
Non-Linearity	%FS±±	≤ ±0.03
Hysteresis	%FS	≤ ±0.02
Non-repeatability	%FS	≤ ±0.01
Creep @ 30 Min	%FS	≤ ±0.03
Zero Balance	%FS	≤ ±2
OCLS		
Max Platform Size	mm	250x250
Max Off Center Distance	mm	112.5
OCLS Error @50% of Rated Loaded	%FS	≤ ±0.03
Temperature Effect		
Output	%FS/10°C	≤ ±0.014
Zero	%FS/10°C	≤ ±0.02
Temperature Range		
Compensated	°C	-10 ~ +40
Operating	°C	-20 ~ +65
Terminal Resistance		
Input	Ω	386±30
Output	Ω	350±5
Excitation Voltage	VDC	5~ 15
Insulation Resistance @50 VDC	MΩ	≥5000
Safe Overload Limit	%FS	150
Ultimate Load	%FS	300
Cable Type	24 AWG 4 Conductor Al Foil Shield Cable with Drain Wire	
Cable Length (L)	ft	30 ^{+0.2} ₀
Seal Type	IP67	
Element Material	Stainless Steel	

WIRING GRAPHIC



PART NUMBER

Capacity (kg)	Part Number
30	4101-000-00