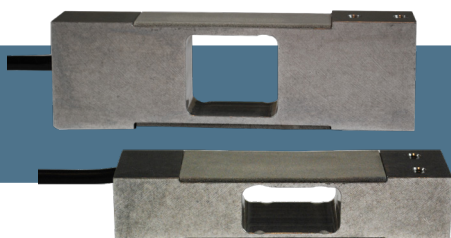


ALUMINUM SINGLE POINT SERIES



HI SPA22 and HI SPA42 Single Point Load Sensors

The Hardy Process Solutions HI SPA Series of aluminum single point load cells are designed for the OEM, conveyor and bench scale markets, which can accommodate off center loads. They are built to perform in industrial packaging, dispensing, and dosing applications. These aluminum sensors come standard with C2® calibration capabilities.

The HI SPA42 comes in capacities from 11lbs to 440lbs (5kg to 200kg), are environmentally rated at IP67 and have improved potting. The HI SPA42 has 3 meters of cable (9.8 ft.). It supports a maximum platform size of 400 mm x 400 mm (15.75 in x 15.75 in).

The HI SPA22 is available in capacities from 11lbs to 88lbs (5kg to 40kg), are environmentally rated at IP67 and have improved potting. The HI SPA22 has 2 meters of cable (6.5 ft.). It supports a maximum platform size of 350 mm x 350 mm (13.78 in x 13.78 in).

SPECIFICATIONS	HI SPA42	HI SPA22
Rated Output (ES)	2 ± 10% mV/V	2 ± 10% mV/V
Max # Verification Int.	3000	3000
Min Verification Int.	E _{max} /6000	E _{max} /6000
Non-Linearity	< ± 0.0166 % R.O.	< ± 0.0166 % R.O.
Hysteresis	< ± 0.0166 % R.O.	< ± 0.0166 % R.O.
Zero Balance	< ± 5.0 % R.O.	< ± 5.0 % R.O.
Combined Error	< ± 0.02	< ± 0.02
Creep @ 30 Min.	< ± 0.0166 % R.O.	< ± 0.0166 % R.O.
Temp Effect Output	< ± 0.0140 % R.O./C	< ± 0.0233 % R.O./C
Temp Effect Sensitivity	< ± 0.010 % R.O./C	< ± 0.010 % R.O./C
Input Resistance	413 ± 20 ohm	413 ± 20 ohm
Output Resistance	350 ± 25 ohm	350 ± 25 ohm
Insulation Resistance	≥ 5000 Mohm	≥ 5000 Mohm
Excitation	5 - 15 vdc	5 - 15 vdc
Safe Load Limit	150 % E _{max}	150 % E _{max}
Ultimate Load	300 % E _{max}	300 % E _{max}
Safe Side Load	100 % E _{max}	100 % E _{max}
Material	Aluminum	Aluminum
Sealing	Potted	Potted
Protection & Hazardous	IP67, FM IS Class 1, Div 1	IP67, FM IS Class 1, Div 1
Warranty	Two years	Two years

ORDERING INFORMATION

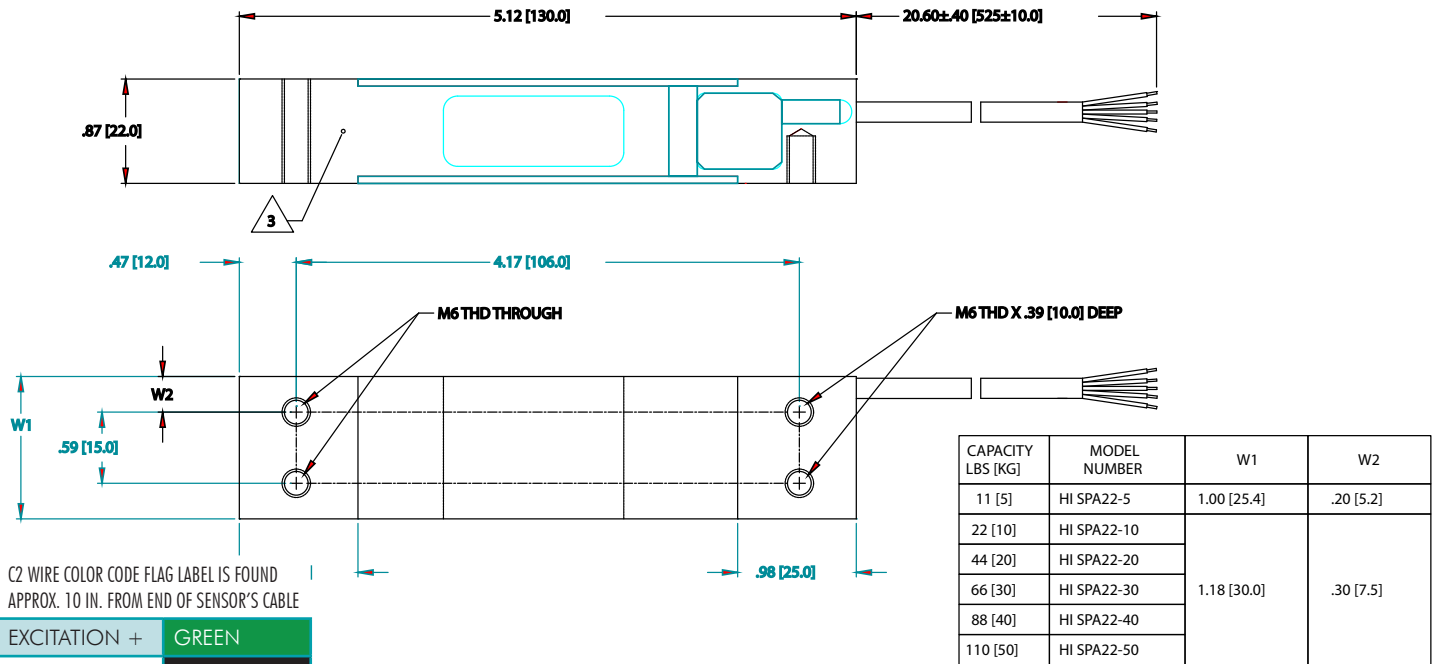
No mounting hardware. Shipping Wt. approx. 1lb for HI SPA22 and 2 lbs for HI SPA42.

Capacity		Model#
lbs*	kg	Load Sensor
11	5	HISPA22-5
22	10	HISPA22-10
44	20	HISPA22-20
66	30	HISPA22-30
88	40	HISPA22-40

Capacity		Model#
lbs*	kg	Load Sensor
11	5	HISPA42-5
22	10	HISPA42-10
44	20	HISPA42-20
66	30	HISPA42-30
110	50	HISPA42-50
200	100	HISPA42-100
440	200	HISPA42-200

* lbs estimated based on kg conversion

HI SPA22 Single Point Aluminum

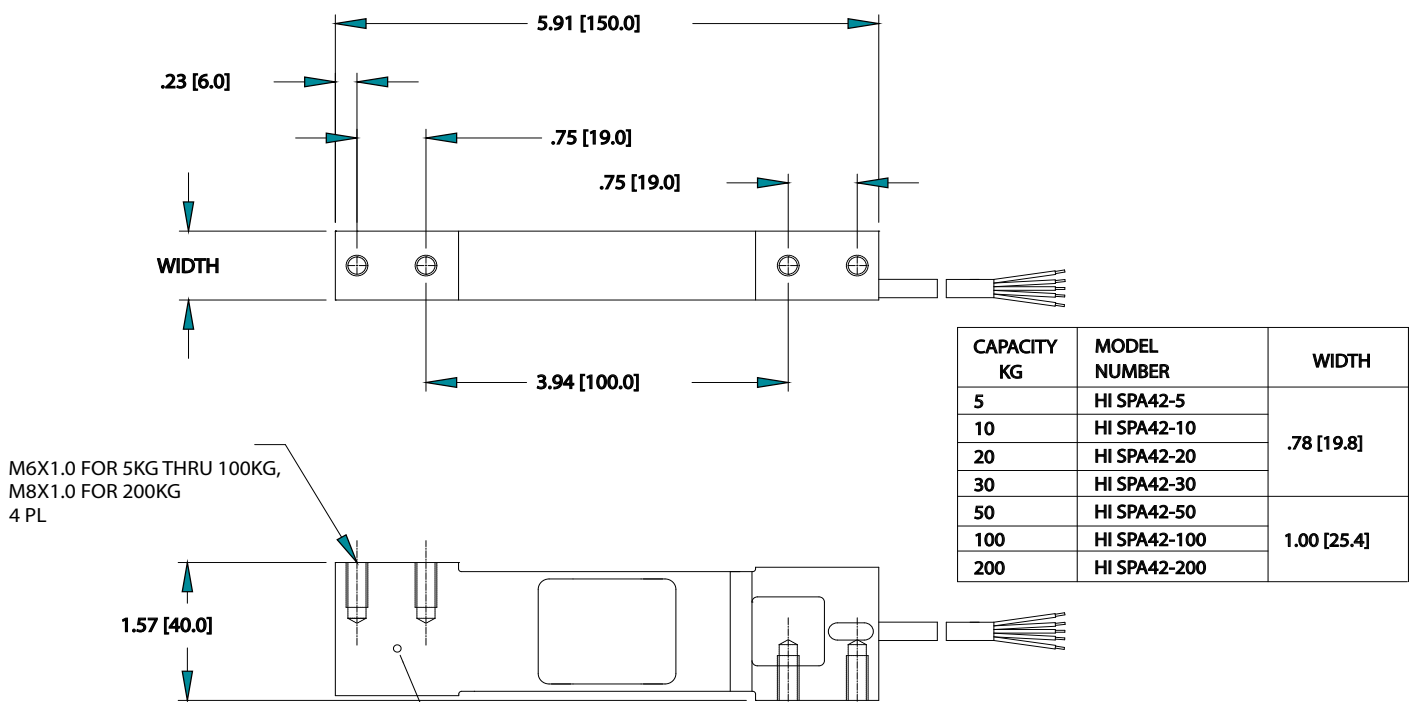


EXCITATION +	GREEN
EXCITATION -	BLACK
SIGNAL +	WHITE
SIGNAL -	RED
C2+	GRAY
C2 -	VIOLET
SHIELD	YELLOW

WARNING: NEVER cut load sensor cable

CABLE LENGTH 6 FEET

HI SPA42 Single Point Aluminum



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