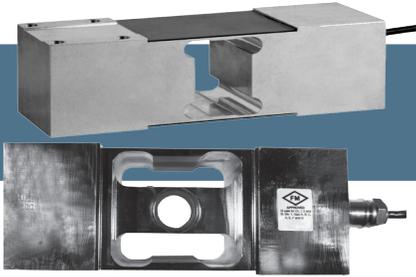


BRICK TYPE SINGLE POINT SERIES



HI SPB1 and SPA60 Brick Type Single Point Load Sensors

The Hardy Process Solutions brick type series of single point load cells are designed for the OEM, floorscale, conveyor and bench scale markets which require a low sensitivity to off center loads. They are built to perform in industrial packaging, dispensing, and dosing applications. These sensors feature C2[®] calibration capabilities and come with three meters (9-10 ft) of cable.

The HI SPA60 is an aluminium brick type single point load cell with improved potting. It features a wide range of capacities from 30 kg to 750 kg and features IP67 environmental protection. The maximum platform size it supports environmental protection up to IP67. It supports a maximum platform size up to 600 x 600 mm.

The HISPB1 is a 7-4PH stainless steel single point load cell with complete hermetic sealing. It is ideal for bench and floor scales, conveyor scales, check weighers, packing machines, and industrial process control. With IP68/IP69K, the HISPB1 is a perfect fit for use in harsh industrial environments. With a wide range of capacities from 50 kg (110lb) to 1,000 kg (2.2Klb) it is highly resistant to impacts and features an integral mounting spacer. It supports a maximum platform size up to 1 000 x 1 000 mm.

SPECIFICATIONS	SPA60	SPB1
Rated Output (ES)	2 ± 0.10mV/V	2 ± 0.05mV/V
Max # Verification Int.	3000	3000
Min Verification Int.	E _{max} /7500	E _{max} /12500
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	< ± 0.0187 % R.O./C	< ± 0.0112 % R.O./C
Temp Effect Sensitivity	< ± 0.010 % R.O./C	< ± 0.010 % R.O./C
Input Resistance ohm	413 ± 20	1100 ± 50
Output Resistance ohm	350 ± 25	960 ± 50
Insulation Resistance	> 5000 Mohm	> 5000 Mohm
Excitation	5 - 15 vdc	5 - 15 vdc
Safe Load Limit	150 % E _{max}	200 % E _{max}
Ultimate Load	300 % E _{max}	300 % E _{max}
Safe Side Load	100 % E _{max}	100 % E _{max}
Material	Aluminum	SS 17-4PH (1.4548)
Sealing	Potted	Hermetically Sealed
Protection & Hazardous	IP67, FM Class 1, Div 1	IP68/IP69K FM Class 1, Div 1
Warranty	Two years	Two years

ORDERING INFORMATION

No mounting hardware. Shipping Wt. approx. 5lb for HISPA60, 14 lbs. HISPB1.

Capacity		Model#
lbs	kg	Load Sensor
110 lb	50 kg	HISPB1-50
220 lb	100 kg	HISPB1-100
551 lb	250 kg	HISPB1-250
1102 lb	500 kg	HISPB1-500
2204 lb	1000 kg	HISPB1-1000

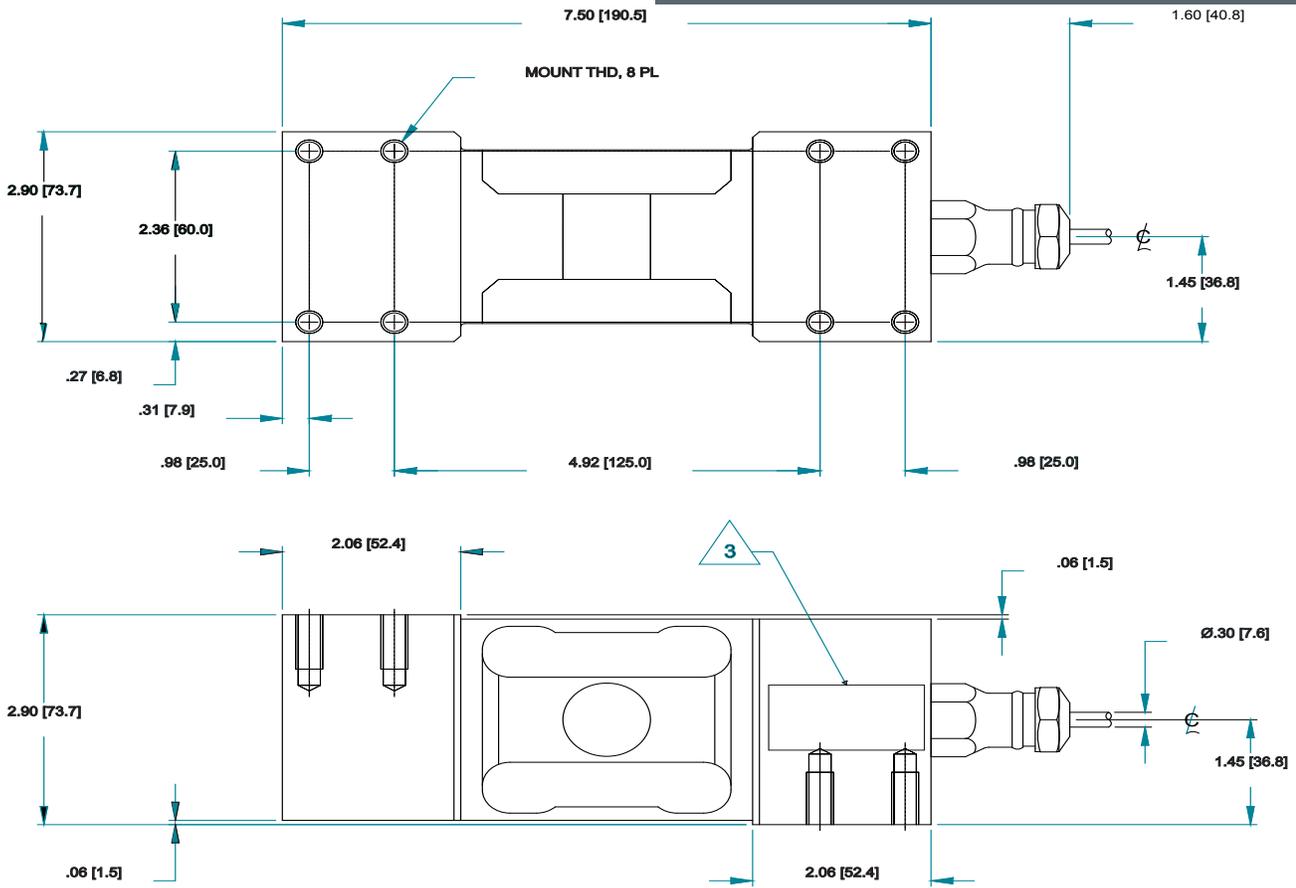
Capacity		Model#
lbs	kg	Load Sensor
66 lb	30 kg	HISPA60-30
110 lb	50 kg	HISPA60-50
220 lb	100 kg	HISPA60-100
440 lb	200 kg	HISPA60-200
660 lb	300 kg	HISPA60-300
1100 lb	500 kg	HISPA60-500
1653 lb	750 kg	HISPA60-750

C2 WIRE COLOR CODE FLAG LABEL IS FOUND APPROX. 10 IN. FROM END OF SENSOR'S CABLE	
EXCITATION +	RED
EXCITATION -	BLACK
SIGNAL +	GREEN
SIGNAL -	WHITE
C2+	GRAY
C2 -	VIOLET
SHIELD	YELLOW

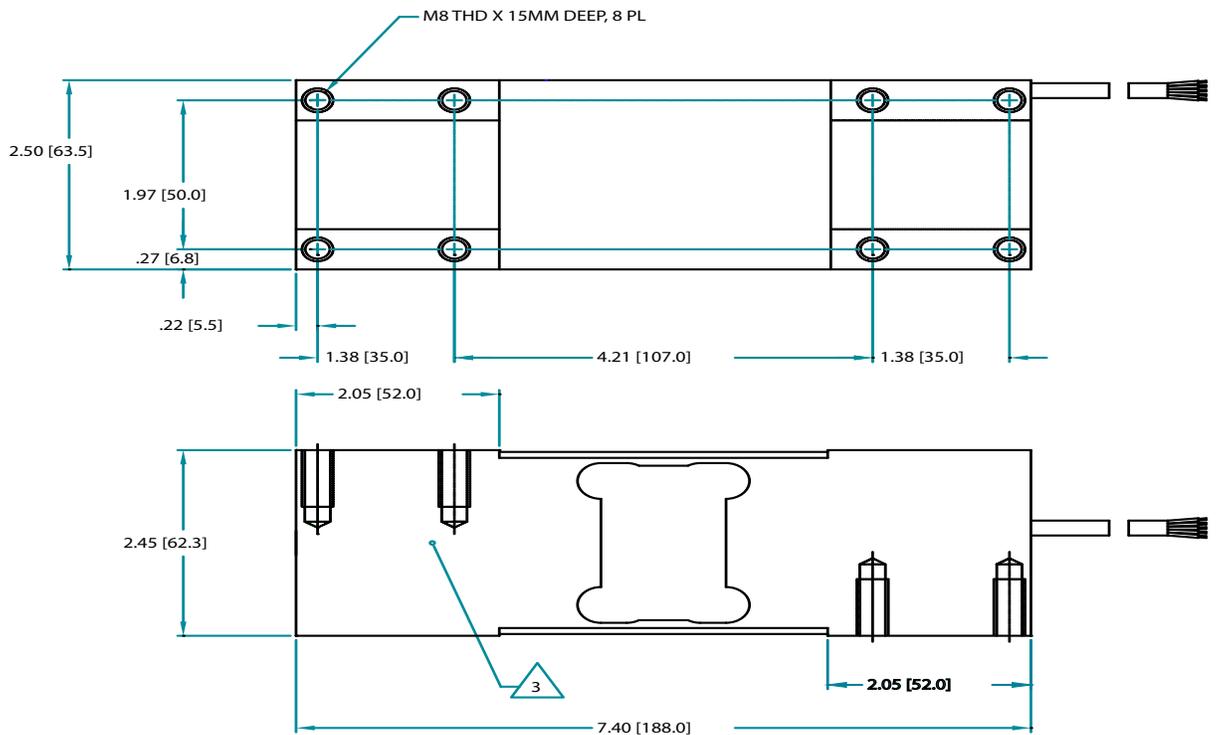
CABLE LENGTH 9-10 FEET

WARNING: NEVER cut load sensor cable

HISPBI Single Point Stainless Steel Brick



HISPA60 Single Point Aluminum Brick



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