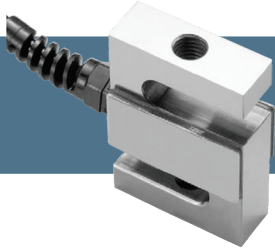


LOW CAPACITY 'S' BEAM TENSION SENSORS



HI STA 'S' Beam Type Tension Load Sensors

The HI STA is an aluminum S beam available in capacities from 5kg to 20kg (11 lb to 44lb). The sensor is rated to IP67 and features improved potting. The S beam configuration provides a robust, accurate solution for low-capacity general tension mounted industrial weighing

The sensor can be mounted standalone or using threaded rods.

SPECIFICATIONS	HI STA
Rated Output (ES)	$2 \pm 25\%$ mV/V
Max # Verification Int.	5000
Zero Balance	$< \pm 1.0\%$ R.O.
Combined Error	$< \pm 0.03\%$ R.O.
Creep @ 30 Min.	$< \pm 0.03\%$ R.O.
Temp Effect Output	$< \pm 0.0026\%$ RO /°C
Temp Effect Sensitivity	$< \pm 0.0015\%$ load /°C
Input Resistance ohm	410 \pm 5
Output Resistance	350 \pm 3
Insulation Resistance	≥ 5000 Mohm
Excitation	5 - 15 vdc
Safe Load Limit	150 % Emax
Ultimate Load	200 % Emax
Sensor Material	Aluminum
Sealing	Potted
Protection EN 60 529	IP67
Warranty	Two years

ORDERING INFORMATION

Shipping Weight HI STA 2 lb.

Capacity		Sensor Model#
lb	kg*	HI STA
11 lb	5 kg	HISTA-5KG
22 lb	10 kg	HISTA-10KG
44 lb	20 kg	HISTA-20KG

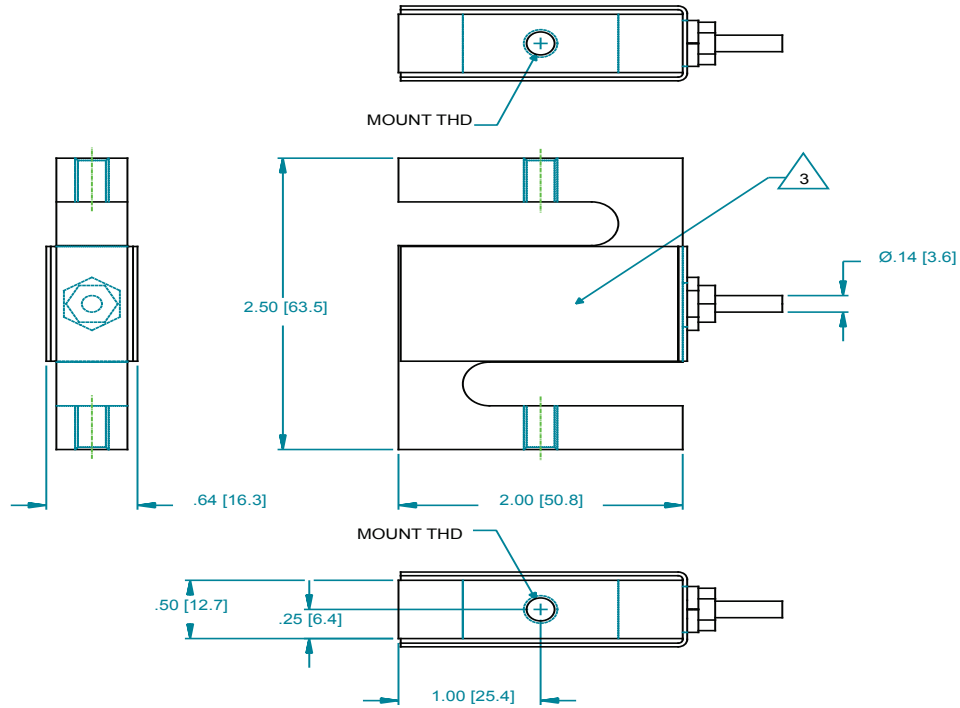
* lb calculated from kg capacities

HI STA Sensor

DIMENSIONS- INCHES & [mm]

MODEL NUMBER	CAPACITY KG	MOUNT THD
HI STA-5KG	5KG	M6 X 1.0
HI STA-10KG	10KG	
HI STA-20KG	20KG	

TOLERANCES: ±0.01 [0.3] UNLESS OTHERWISE STATED



WIRE COLOR CODE

EXCITATION +	RED
EXCITATION -	BLACK
SIGNAL +	GREEN
SIGNAL -	WHITE

WARNING: NEVER cut load sensor cable

CABLE LENGTH 6 METERS (APPROX. 20 FT.)



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HISTA 0322
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