



4400 SERIES / ITCM
ISOLATED TENSION MOUNT (ITCM)

OVERVIEW

The CG-ITCM features a unique swivel design combines multi-directional movement with self-checking capabilities. Ideal for indoor or outdoor process control applications. Double electrical isolation with a Teflon insulator and bonding strap provides added protection to the load cell.

Isolated Tension Mount in Alloy Steel. Designed for use in medium capacity tanks, hoppers, and conveyors.



NTEP CERTIFIED

Certificate of Conformance #08-109

CAPACITIES

50lb, 100lb, 200lb, 250lb, 300lb, 500lb, 750lb, 1K, 1.5K, 2K, 3K, 5K, 10K, 15K, & 20K

OVERVIEW

The ITCM series Suspension Mount is designed for use in medium capacity tanks, hoppers, and conveyors. The unique swivel design combines multidirectional movement with self-checking capabilities. Ideal for indoor or outdoor process control applications. Double electrical isolation with a Teflon insulator and bonding strap provides added protection to the load cell.

Height adjustment available on each module. Load cell thread pattern matches suspension or thread rod patterns. Aircraft grade. Stainless steel, load stem provides added strength and durability. Main housing is made from cold drawn steel and coated with Zinc and clear Chromate plating. Entire assembly will meet or exceed IP67 rating.

PERFORMANCE SPECIFICATIONS

Performance Specifications:

Safe Overload: 150% FS
 Full Scale Output: 3.00 mV/V
 Excitation Voltage: 10-15V AC/DC
 Load Cell Resistance: 350 ohms
 Load Cell Cable: 4 Conductor, 20ft
 Operating Temperature Range: -20° C to +60° C

Materials:

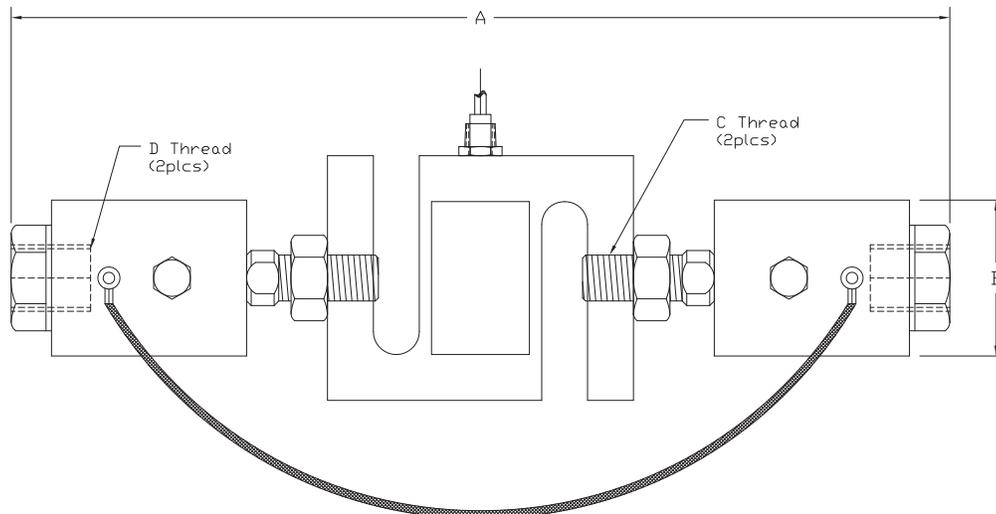
Load Cell: Alloy Steel (Nickel Plated) or Stainless Steel
 Assembly: Mild Steel (Nickel Plated) or Stainless Steel

Tolerances unless otherwise specified:

.XX: ±0.01
 .XXX: ±0.005
 Fractions: ±1/16"
 Angles: ±1/2"

DIMENSIONS

	A	B	C	D
50LB - 200LB	8.25	1.50	1/4-28UNF	1/4-20UNC
250LB - 300LB	9.75	1.75	3/8-24UNF	3/8-16UNC
500LB - 3K	10.00	1.75	1/2-20UNF	1/2-13UNC
5K - 10K	12.88	2.50	3/4-16UNF	3/4-10UNC
15K	14.25	2.75	1-14UNS	1 1/4-7UNC
20K	17.75	3.50	1 1/4-12UNF	1 1/2-6UNC



4400 SERIES – ISOLATED TENSION MOUNT



AVAILABLE OPTIONS



CG-ITCM-ALLOY / INCELL 4400 SERIES

Alloy steel s-cell w/ zinc - chromate plating mount
Dealer net pricing per cell, mount & hardware

Available Capacities: 250#, 500#, 750#, 1K, 1.5K, 2K, 2.5K, 3K

Available Capacities: 5K, 10K

Available Capacities: 20K

CG-ITCM-ALLOY / INCELL 4400 SERIES (Stainless Steel)

Stainless steel s-cell w/ zinc - chromate plating mount
Dealer net pricing per cell, mount & hardware

Available Capacities: 250#, 500#, 750#, 1K, 1.5K, 2K, 2.5K, 3K

Available Capacities: 5K, 10K

Available Capacities: 20K