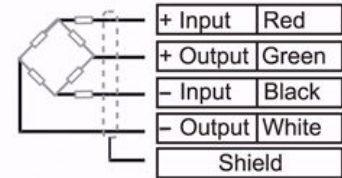


# Model ASI 6610

## SHEAR BEAM LOAD CELL

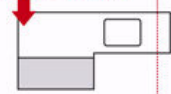


### ELECTRICAL TERMINATION

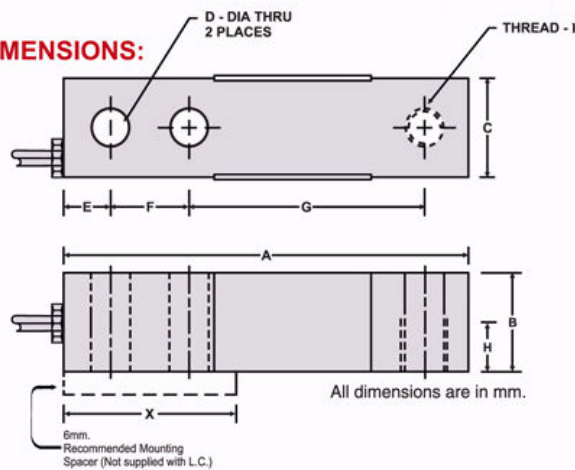


4 CORE SCREENED CABLE - 5 mtrs.

### LOAD DIAGRAM:



### DIMENSIONS:



### Features

- Available in capacity of 50 to 2500Kgf , higher capacity available on request.
- Standard output 3.0mV/V
- Meets Environment protection IP 65 class.
- Optional IP 67 available on request.

### Applications

- Low Profile Floor Scale
- Force & Tension Measurement Tank, Hooper & Bag weighing Industrial Automation

CAPACITY Kg.	A	B	C	D	E	F	H	G	I	X	Torque m. kg.	Cable Length Mtrs.
100 to 2500	130	32	32	13	15	25	15	75	M12 x 1.25	55	2.5	5
3000 to 5000	172	38	38	21	19	38	19	95	M20 x 1.50	76	5	10
7500 to 10000	223	50	50	25	25	50	25	120	M24 x 2.00	100	10	20

### SPECIFICATION

**RATED LOAD (Kg.) 50, 100, 200, 300, 500, 750**

**(Tf.) 1, 1.5, 2, 2.5, 3, 5, 7.5, 10**

Precision	C2/C3	Insulation Resistance (MΩ)	≥20000(50VDC)
Composition Error	0.03/0.02	Excitation Voltage (V)	5 ~15 (DC)
Rated Output (mv/v)	3.0 ± 0.2	Compensated Temp. Range (°C)	-10~+ 50
Non-Linearity (%FS)	0.025	Use Temp. Range (°C)	-20~+60
Hysteresis (%FS)	0.02	Temp. Effect On Zero (%FS/10°C)	0.02
Repeatability (%FS)	0.02/0.01	Temp. Effect On Span (%FS/10°C)	0.02
Creep (%F.S /30min)	0.03/0.02	Safe Overload (%FS)	150
Zero Balance (%FS)	± 1.0	Ultimate Overload (%FS)	250
Input Resistance (Ω)	400 ± 10	Defend Grade	IP67
Output Resistance (Ω)	350 ± 2	Cable	5 mtr