

102MHSA



Alloy Steel

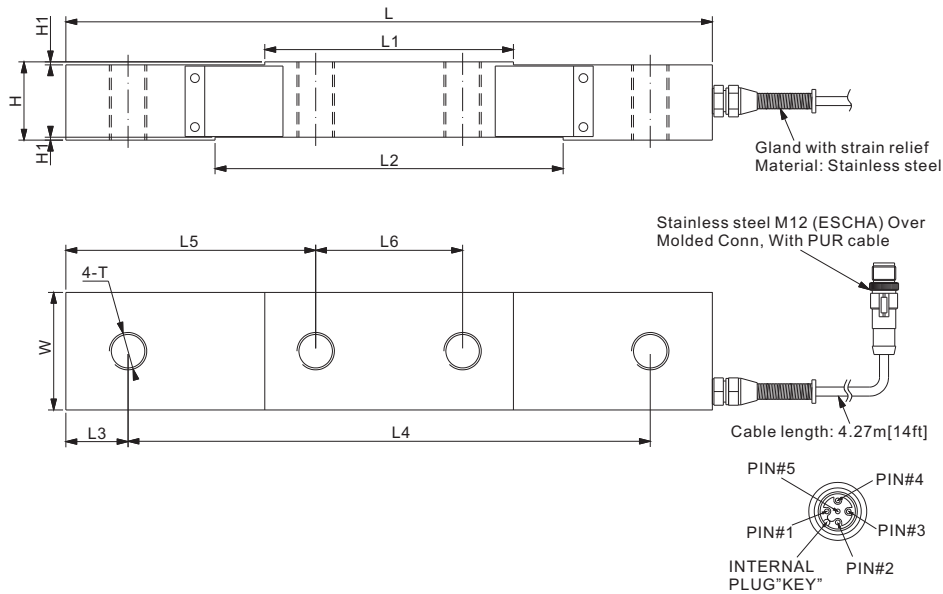


Key Features:

- Electrophoretic Paint over Nickel Plated Alloy Steel
- Over-molded M12 Connector-Cable Assembly
- Flexible Cable Exit Strain Relief
- Mechanical covers for added sensing section protection



DOUBLE ENDED BEAMS



DIMENSIONS

RATED CAPACITY	L	L1	L2	L3	L4	L5	L6	H	H1	W	T
Klb/inches											
22	13.00	5.00	7.00	1.25	10.50	5.02	2.95	1.57	0.06	2.36	3/4-10 UNC
t/mm (conversion of above dimensions)											
9.98	330.2	127.0	177.8	31.8	266.7	127.6	75.0	40.0	1.50	60.0	3/4-10 UNC

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.5%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	< ± 0.1%	Compensated Temperature Range	-15°C to 60°C / 5°F to 140°F
Repeatability	< ± 0.1%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.1%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.1%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	770Ω ± 50	Cable Color Code	PIN1: Exc+ Red PIN2: Sig- Green PIN3: Sig+ White PIN4: Exc- Black PIN5: Shield Bare
Output Resistance	700Ω ± 5		
Element Material	Alloy Steel, Nickel Plated, Black Electrophoretic Plating		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
22Klb	102MHSA-22Klb-24A	13.7

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.