102MH-AA

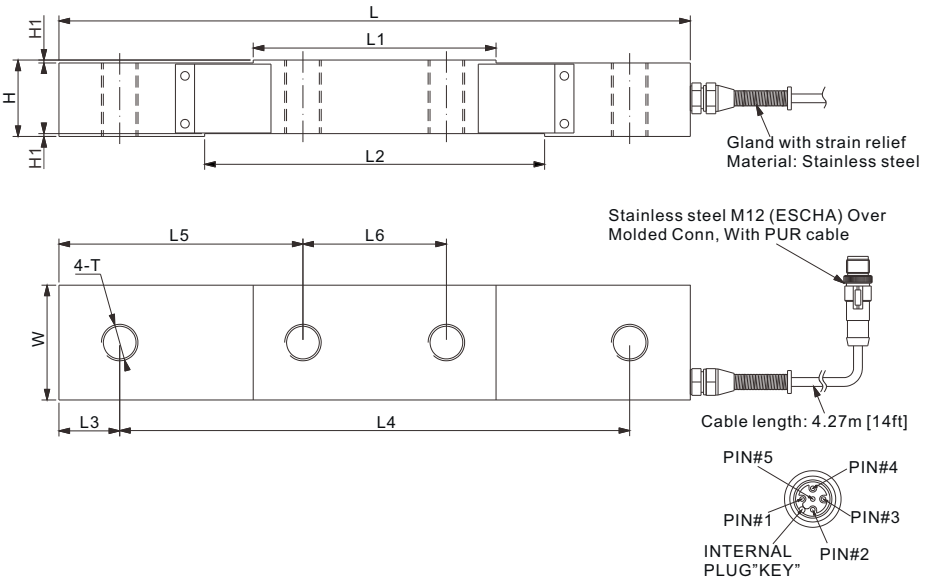
Alloy Steel



Key Features:

- Electrophoretic Plating 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	770 Ω ± 50	**Cable Color Code**	PIN1: Exc+ Red PIN2: Sig- Green PIN3: Sig+ White PIN4: Exc- Black PIN5: Shield Bare
Output Resistance	700 Ω ± 5		
Element Material	Alloy Steel, Nickel Plated, Black Electrophoretic Plating		

PART NUMBER*

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

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

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