

# 102MH-AA

## Alloy Steel

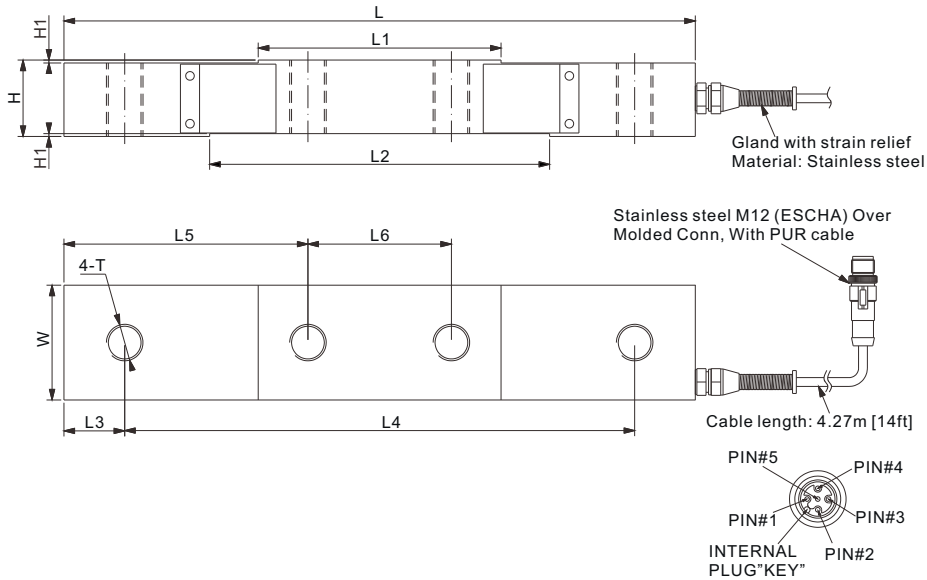


### Key Features:

- 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
<b>Klb/inches</b>											
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
<b>t/mm</b> (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

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