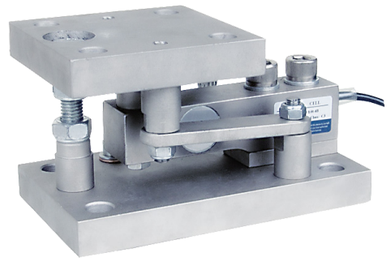
HM-8-424

Features

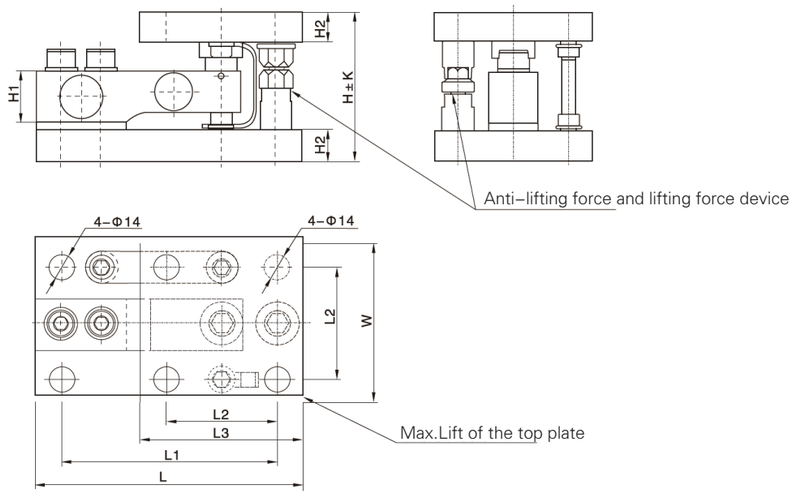
- Assembled for H8H,BM8H C3 load cells
- Compact structur, easy installation.
- Overload protection and support rod.
- Pendulum support self reset function.
- Anti–lift ground protection device.
- Alloy steel with chemical plating material.

Capacity	Part Number
0.25~ 1t	HM–8–424–0.25/1t
2t	HM–8–424–2t
5t	HM–8–424–5t



Alloy steel module, matched for H8H, BM8H.

Dimensions mm (inch)



Capacity \ Dimension		L	L1	L2	L3	W	H	K	H1	H2
0.25~1t	(mm)	170	136	70	104	100	93.6	1.6	31.8	19
	(inch)	6.69	5.35	2.76	4.09	3.94	3.69	0.06	1.25	0.75
2t	(mm)	220	175	84	135	120	125.3	2	35.9	23.0
	(inch)	8.66	6.89	3.31	5.31	4.72	4.93	0.08	1.41	0.91
5t	(mm)	220	175	84	135	120	125.3	2	44.0	23.0
	(inch)	8.66	6.89	3.31	5.31	4.72	4.93	0.08	1.73	0.91

Specification

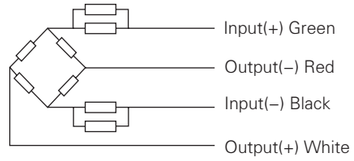
Capacity	kg	o.25~1t	2t	5t
Ultimate Load	%FS	150		
Destroy Load	%FS	200		
Restoring Force	%FS	7.7		
Locking shaft max. horizontal decentering	mm	± 1.5		
Locking level max. hoirzontal force in static	KN	10		22
Max. lifting force	KN	20		44
Material		Alloy Steel		
Weight		4.8~9.8		
Overload Protection	mm	⩽ 0.65	⩽ 0.85	⩽ 1.2

Note:1. Please see H8H, BM8H brocbure for speificaion.

2. Load cell H8H,BM8H and module installation include transverse control arm, ground lead and pendulum support.

Wires

Standard load cell wirings according to the calibration certificate.



- 4 core shield cable Φ5mm.
- Standard length: 6m (250Kg~ 1t, 0.5Klb ~ 2.5Klb)
  3m (2t~ 5t, 4Klb~ 10Klb)

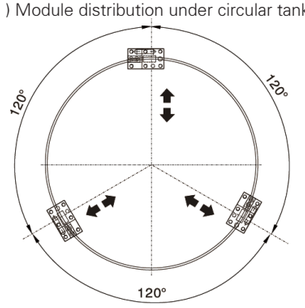
Installation instructions

1. Site installation instructions:
Before installation, please check the basic environment to ensure the surface of each installation point is perpendicular to the stress surface. The levelness in one surface should be controlled in 1mm/m.The basic carrying capacity should be bigger than the load cell capacity.
1) Before intalling the modules, please adjust the load cell to vertical situation, and top plate to level situation.
2) Please adjust limit after installation.
3) Pendulum support is for avoiding overturn of the equipment, not for weighing and measuring, which has certain gap with carring plate, please lock the nut of the pendulum support.
4) Cable color code (Standard load cell cable code is subject to the certificate)

Note: During adjustment, if the error is too big, indcator has poor zero return performance, the weight is too small or no changes after loading with weight, please check if the module spacing is seized or scraping slightly. Please check if the connection of peripheral hardware are affected by the external force, such as the dead connection of the pipe affect weighing.

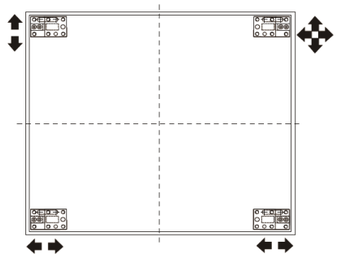
2. Installation

(1) Module distribution under circular tank



Tangential method

(2) Module distribution under square tank



Note: The above distribution only consider on the weighing technique standar, the operator must check and ensure the support and stability.