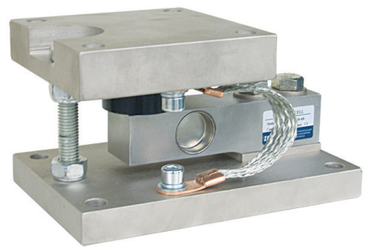
HM-8-427

Features

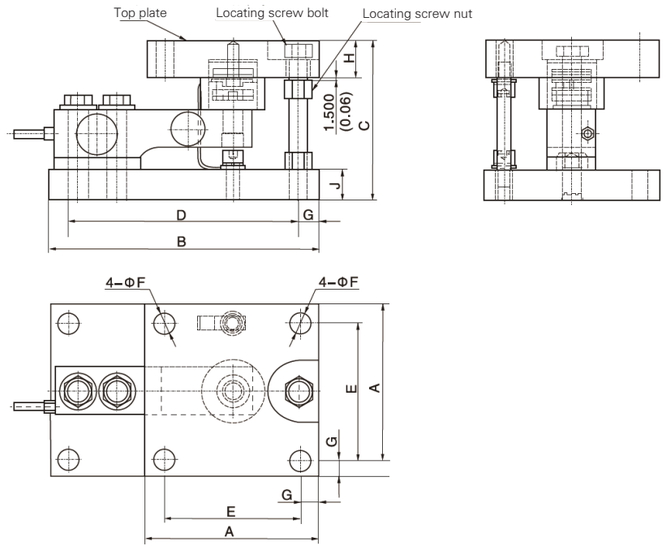
- Assembled for BM8D C3 load cells
- Compact structur, easy installation.
- Overload protection.
- Self reset function.
- Anti–lift device.
- Alloy steel with chemical plating material.

Capacity	Part Number
0.5~ 2t	HM–8–427–0.5/2t
2.5~5t	HM–8–427–2.5/5t
7.5~10t	HM–8–427–7.5/10t



Alloy steel module, matched for BM8D.

Dimensions mm (inch)



Capacity \ Dimension		A	B	C	D	E	F	G	H	J
0.5~2t	(mm)	114.3	177.8	104.8	152.4	88.9	11	12.7	25.4	19
	(inch)	4.50	7.00	4.13	6.00	3.50	0.43	0.50	1.00	0.75
2.5~5t	(mm)	178	235	136.5	184.2	101.6	17.5	25.4	31.8	25.4
	(inch)	7.01	9.25	5.37	7.25	4.00	0.69	1.00	1.25	1.00
7.5~10t	(mm)	184	355.6	190.5	304.8	152.4	20.6	25.4	44.5	44.5
	(inch)	7.24	14.00	7.50	12.00	6.00	0.81	1.00	1.75	1.75

Specification

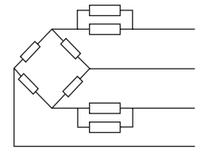
Capacity	kg	0.5~2t	2.5~5t	7.5~10t
Ultimate Load	%FS	150		
Destroy Load	%FS	200		
Restoring Force	%FS	7.7		
Max. horizontal decentering	mm	± 1.5		
Max. hoirzontal force in static	KN	5		10
Max. lift force	KN	10		20
Material		Alloy Steel		
Weight	kg	6~39		
Overload Protection	mm	⩽ 0.65	⩽ 1	⩽ 1.5

Note: 1. Please see BM8D brocbure for speificaion.

2. Load cell BM8D and module installation include anti–lift device and ground lead.

Wires

Standard load cell wirings according to the calibration certificate.



- 4 core shield cable.
- Standard length 6m

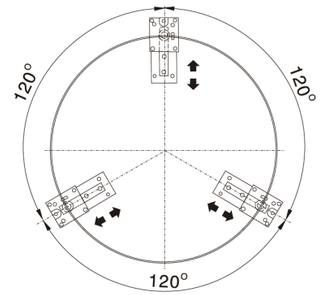
Installation instructions

1. Site installation instructions:
Before installation, please check the basic environment to ensure the surface of each intallation 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 installation, please adjust the load cells and top plate to level situation.
2) Please adjust the gap of horizontal spacing device and lock the screw nut after installation.
3) 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.

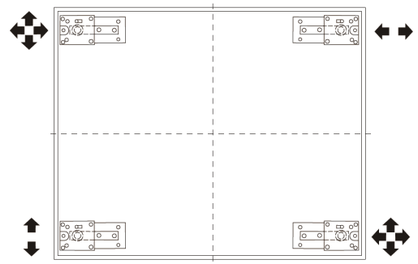
2. Installation

(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.