HM-14-435

Features

- Assembled for BM14G C3 load cells.
- Compact structur, easy installation and maintenance free.
- Support rod self reset function.
- Anti–lift ground protection device.
- Alloy steel chemical plating material.

Capacity	Part Number
10~ 50t	HM–14–435–10/50t



Alloy steel module, matched for BM14G.

Dimensions mm (inch)

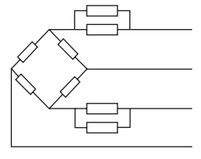
Specification

Capacity	t	10	20	30	40	50
Ultimate Load	%FS	150				
Restoring Force	%FS	0.49		0.76	0.94	
Control arm axle max. horizontal decentering	mm	±4				
Control arm axle max. hoirzontal force	KN	50				
Max. allowed lift for ground protection device	KN	80				
Material		Alloy Steel				
Weight	kg	26.5				

Note: 1. Please see BM14G brocbure for speificaion.
2. Load cell BM14G and module installation include transverse control arm and ground lead.

Wires

Standard load cell wirings according to the calibration certificate.



- 4 core shield cable Φ5mm.
- Standard length 15m.

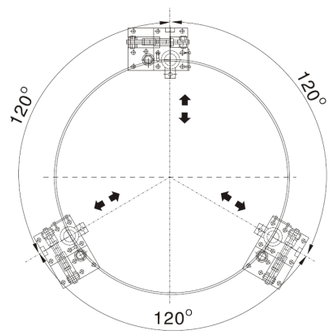
Installation instructions

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 remove the support plate after instalation.
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.

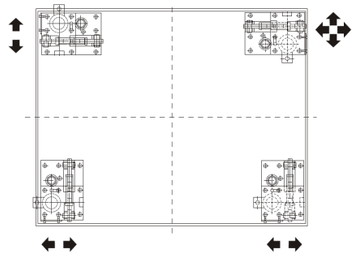
2. Installation

(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.