

9123/5123 Self-Aligning Accessories

FEATURES

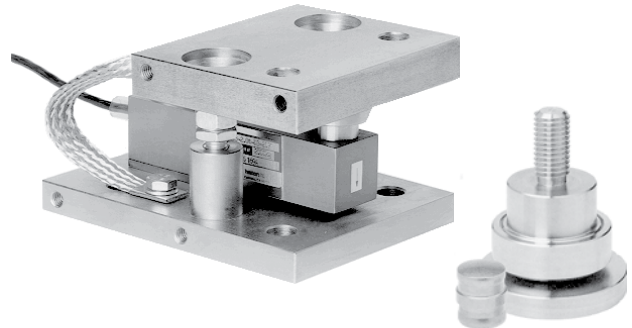
- Capacities: 0.5–5T
- Hardened components at all load bearing surfaces
- Rocker pin load introduction
- Built-in horizontal movement control and lift-off protection
- Load cell (re)placement after installation of the mount
- **Optional**
 - Stainless steel or nickel-plated steel versions available
 - Stay rod assembly

APPLICATIONS

- Process control
- Batch weighing
- Silo/hopper weighing

DESCRIPTION

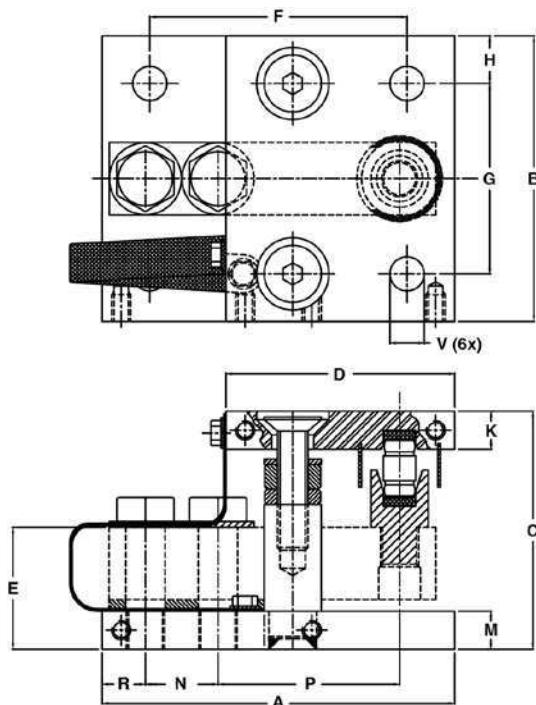
The 9123/5123 self-aligning silo mount, combined with the 9123/5123 load cell family, provides weighing assemblies suitable for process control, batch weighing, silo/hopper, and belt scale applications.



The 9123/5123 foot assembly is an ideal solution for medium and high capacity platform scales.

The 9123/5123 mount and foot are based on a rocker pin design, combining excellent load introduction to the transducer with an overall low profile. Hardened components are used at all load bearing surfaces. The stainless steel construction guarantees long-term reliability, even in the harshest environments.

OUTLINE DIMENSIONS in millimeters



CAPACITY	0.5–2T	5T
A	160	185
B	120	150
C	90	125
D	100	120
E	50.8	64
F	100	135
G	80	100
H	20	25
K	20	20
M	15	20
N	25.4	38.1
P	76.2	95.3
R	32.2	22.7
V	∅14	∅18

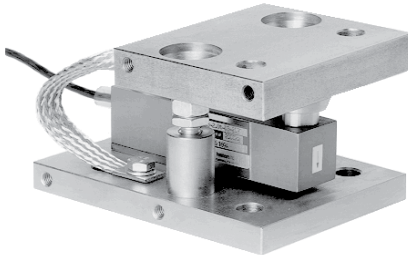
Document No.: 11883 Revision: 19 Dec 2014

9123/5123 Self-Aligning Accessories

ACCESSORIES

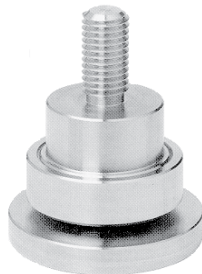
Self-Aligning Mount

The 9123/5123 mount permits controlled horizontal movement in all directions. The design allows the load cell to be (re)placed after installation of the mount. The critical load introduction area is mechanically protected.



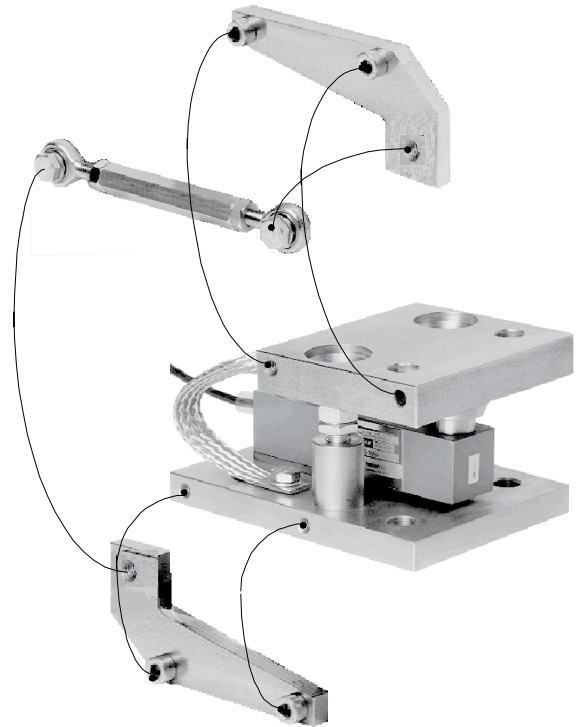
Height Adjustable Foot

The stainless steel foot, which has approximately 10 mm height adjustment, provides excellent load introduction to the load cell. The foot allows flexibility in platform design without compromising overall system performance.



Stay Rod Assembly

If major load movement is anticipated stay rods should be used to restrain a vessel or platform. The 9123/5123 stay rod assembly can be bolted to the mount prior to or after its installation.



ADDITIONAL INFORMATION

MOUNT/FOOT	0.5-2T	5T
Self-aligning mount		
Height, assembly + 9123/5123 (mm)	90	125
Assembly guidelines	AG 10/06-103/02	
Outline drawing – stainless steel	499057-10	499058-10
Outline drawing – nickel-plated	499057-00	499058-00
Height adjustable foot		
Height, assembly + 9123/5123 (mm)	71+10	101+10
Outline drawing – stainless steel	499081	499082
Stay rod assembly		
Assembly guidelines	AG 09/06-200/02	
Outline drawing – stainless steel	499068-10	499069-10
Outline drawing – nickel-plated	499068-00	499069-00

Disclaimer

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "VPG"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

The product specifications do not expand or otherwise modify VPG's terms and conditions of purchase, including but not limited to, the warranty expressed therein.

VPG makes no warranty, representation or guarantee other than as set forth in the terms and conditions of purchase. **To the maximum extent permitted by applicable law, VPG disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.**

Information provided in datasheets and/or specifications may vary from actual results in different applications and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on VPG's knowledge of typical requirements that are often placed on VPG products. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. You should ensure you have the current version of the relevant information by contacting VPG prior to performing installation or use of the product, such as on our website at vpgsensors.com.

No license, express, implied, or otherwise, to any intellectual property rights is granted by this document, or by any conduct of VPG.

The products shown herein are not designed for use in life-saving or life-sustaining applications unless otherwise expressly indicated. Customers using or selling VPG products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify VPG for any damages arising or resulting from such use or sale. Please contact authorized VPG personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.

Copyright Vishay Precision Group, Inc., 2014. All rights reserved.

Document No.: 63999 Revision: 15-Jul-2014