



VISHAY
PRECISION
GROUP



Product Overview

Load Cells

Tedea-Huntleigh

A Brand of VPG Transducers



Revere
Transducers






www.vpgtransducers.com



| Aluminum Single-Point Load Cells | | |
|---|---|---|
| Product | Features | Capacities |
| 1002  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Platform size 200 x 200 mm | 0.5, 1, 2, 3, 5, 8, 15, 20 kg |
| 1004  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 3000d Platform size 200 x 200 mm | 0.2, 0.3, 0.6, 1.5, 3 kg |
| 1006  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Platform size 200 x 200 mm | 2, 3, 5 kg |
| 1010/1015  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP65 (optional IP67) Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 400 x 400 mm | 3, 5, 7, 10, 15, 20, 30, 50, 90 kg |
| 1022  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 4000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 350 x 350 mm | 3, 5, 7, 10, 15, 20, 30, 35, 50, 100, 150, 200 kg |
| 1030  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP65 (optional IP67) Certified to OIML 2500d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 350 x 350 mm | 2, 3, 5, 7, 10, 15 kg |
| 1040  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP65 (optional IP67) Certified to OIML 3000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 400 x 400 mm | 5, 7, 10, 15, 20, 30, 50, 75, 100 kg |
| 1042  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 6000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 400 x 400 mm | 1, 3, 5, 7, 10, 15, 20, 30, 50, 75, 100, 150, 250 kg |

| Aluminum Single-Point Load Cells (cont.) | | |
|--|---|--|
| Product | Features | Capacities |
| 1242  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 6000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 400 x 400 mm | 50, 100, 150, 200, 250 kg |
| 1250  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP65 (optional IP67) Certified to OIML 3000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 800 x 800 mm | 50, 75, 100, 150, 200, 250, 300, 500, 635, 750, 1000, 1500 kg |
| 1252  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 3000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 600 x 600 mm | 75, 100, 150, 200, 250, 300, 500, 635 kg |
| 1260  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 3000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 600 x 600 mm | 50, 75, 100, 150, 250, 300, 500, 635, 660 kg |
| 1263  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 3000d ATEX certified versions available for explosive atmosphere Platform size 600 x 600 mm | 50, 75, 100, 150, 200, 250, 300, 500, 635 kg |
| 1265  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 6000d ATEX certified versions available for explosive atmosphere Platform size 800 x 800 mm | 100, 150, 200, 250, 300, 500, 635, 660 kg |
| 1320  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 3000d Certified to NTEP 3000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 1200 x 1200 mm | 1000, 1500, 2000 kg |
| 1330  | <ul style="list-style-type: none"> Anodized aluminum construction Environmental sealed IP66 Certified to OIML 3000d ATEX certified versions available for explosive atmosphere Platform size 800 x 800 mm | 500, 750, 1000 kg |

Stainless Steel Single Point

| Product | Features | Capacities |
|--|---|--|
| 1130  | <ul style="list-style-type: none"> Stainless steel construction Environmental sealed IP66 Certified to OIML 6000d Certified to NTEP 4000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 400 x 400 mm | 7, 10, 15, 20, 30, 50, 75, 100 kg |
| 1140  | <ul style="list-style-type: none"> Stainless steel construction Environmental sealed IP65 (optional IP67) ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 400 x 400 mm | 15, 20, 30, 50, 75, 100, 150 kg |
| 1142  | <ul style="list-style-type: none"> Stainless steel construction Environmental sealed IP66 Certified to OIML 3000d ATEX certified versions available for explosive atmosphere Platform size 400 x 400 mm | 10, 15, 20, 30, 50, 75, 100, 150 kg |
| 1510  | <ul style="list-style-type: none"> Stainless steel construction Hermetically sealed IP68 Certified to OIML 4000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety Platform size 600 x 600 mm | 100, 250, 500 kg |

Beam Load Cells

| Product | Features | Capacities |
|---|---|---|
| 355  | <ul style="list-style-type: none"> Stainless steel construction Hermetically sealed IP68 Certified to OIML 4000d Certified to NTEP 4000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety | 5, 10, 20, 30, 50, 100, 200, 250, 500 kg |
| 3410/3420  | <ul style="list-style-type: none"> Nickel plated steel construction Environmental sealed IP67 Certified to OIML 3000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety | 250, 500, 1000, 2000 kg 1000, 1500, 2500, 4000, 5000, 7500, 10000 lb |
| 3520  | <ul style="list-style-type: none"> Stainless steel construction Environmental sealed IP67 Certified to OIML 6000d ATEX certified versions available for explosive atmosphere | 500, 1000, 2000 kg |

| Beam Load Cells (cont.) | | |
|---|---|---|
| Product | Features | Capacities |
| 3510  | <ul style="list-style-type: none"> Stainless steel construction Hermetically sealed IP68 Certified to OIML 6000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety | 300, 500, 750, 1000, 1200, 2000, 3000, 5000 kg 1000, 1500, 2500, 4000 lb |
| 4158  | <ul style="list-style-type: none"> Nickel plated steel construction Environmental sealed IP67 Certified to NTEP 10000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety | 10, 20, 25, 40, 50, 60, 75 klb |
| Compression Load Cells | | |
| Product | Features | Capacities |
| 120  | <ul style="list-style-type: none"> Stainless steel enclosure Hermetically sealed IP68 ATEX certified versions available for explosive atmosphere | 3, 5, 10, 20, 30, 50 t |
| 121  | <ul style="list-style-type: none"> Stainless steel housing Surge arrestors fitted Simple to install Certified to OIML 4000d Certified to NTEP 10000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety | 10, 20, 30, 50 t |
| 122  | <ul style="list-style-type: none"> Stainless steel enclosure Hermetically sealed IP68 ATEX certified versions available for explosive atmosphere | 50, 100, 150 t |
| 220  | <ul style="list-style-type: none"> Stainless steel construction Hermetically sealed IP68 Certified to OIML 4000d Certified to NTEP 10000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety | 5, 10, 20, 30, 50 t |

| Damped Load Cells | | |
|---|--|---|
| Product | Features | Capacities |
| 240  | <ul style="list-style-type: none"> • Epoxy painted steel enclosure / stainless steel enclosure • Environmental sealed IP66 • Certified to OIML 3000d • Certified to NTEP 5000d | 2, 3, 5, 7, 10, 15, 20, 30, 50 kg |
| 240D  | <ul style="list-style-type: none"> • Epoxy painted steel enclosure / stainless steel enclosure • Environmental sealed IP66 • Digital load cell • RS232 / RS485 output with MOD BUD | 2, 3, 5, 7, 10, 15, 20, 30, 50 kg |
| 1410  | <ul style="list-style-type: none"> • The first and only load cell specifically designed for use in rotary filling machines • Short setting times • High resistance to side loads • Effective isolation of base vibrations • Centrifugal forces do not affect accuracy • Two mounting options | 10, 20, 30 kg |
| 1430  | <ul style="list-style-type: none"> • Stainless Steel construction • Insensitive to rotary dynamic forces • Single point performance • Rotary speed to 13 rpm at 1 m radius • Sealed wash down configuration | 3 kg, 17.23 lb |
| 9010D  | <ul style="list-style-type: none"> • Electroless nickel plated enclosure / stainless steel enclosure • Environmental sealed IP65 • Unique tare load canceling mechanism • Digital load cell • RS232 / RS485 output with MOD BUD | 3, 5, 7, 10, 15, 20, 30, 50, 90 kg |
| 9010D  | <ul style="list-style-type: none"> • Electroless nickel plated enclosure / stainless steel enclosure • Environmental sealed IP65 • Unique tare load canceling mechanism • Digital load cell • RS232 / RS485 output with MOD BUD | 3, 5, 7, 10, 15, 20, 30, 50, 90 kg |

| S-Type Universal Load Cells | | |
|---|--|---|
| Product | Features | Capacities |
| 614  | <ul style="list-style-type: none"> Aluminum construction Environmental sealed IP67 Certified to OIML 3000d ATEX certified versions available for explosive atmosphere | 50,100, 150, 200, 300, 500 kg |
| 615/616  | <ul style="list-style-type: none"> Nickel plated construction / stainless steel construction Environmental sealed IP67 ATEX certified versions available for explosive atmosphere | 50,100, 150, 200, 300, 500, 750, 1000 kg |
| 619  | <ul style="list-style-type: none"> Nickel plated construction Environmental sealed IP67 ATEX certified versions available for explosive atmosphere | 1.5, 2, 3, 5 t |
| 620  | <ul style="list-style-type: none"> Stainless steel construction Hermetically sealed IP68 Certified to OIML 3000d Certified to NTEP 5000d ATEX certified versions available for explosive atmosphere Factory Mutual approved for intrinsic safety | 0.5, 1, 2, 5 t |

The Americas

United States **Vishay Precision Group – VPG Transducers**
801 Sentous Avenue • City of Industry, CA 91748
Ph: +1-800-872-4784 (Toll Free, USA only, outside of California)
+1-626-363-7500 • Fax: +1-626-332-3418
E-mail: lc.usa@vishaypg.com

Asia

Taiwan, R.O.C. **Vishay Precision Group – VPG Transducers**
8F-1, 171, Section 2, Datong Road • Sijhih City, Taipei 22183
Ph: +886-2-8692-6888 • Fax: +886-2-8692-6818
E-mail: lc.roc@vishaypg.com

P.R. China **Vishay Precision Group – VPG Transducers**
No. 5 Binguang Nan Dao Youyi Rd • Hexi District • Code 300061, Tianjin
Ph: +86-22-2835-3503 • Fax: +86-22-2835-7261
E-mail: lc.china@vishaypg.com

India **Vishay Precision Group – VPG Transducers**
#117, Old Mahabalipuram Road • Karapakkam Chennai - 600 097
Ph: +91-44-3917-4000 • Fax: +91-44-3917-4002
E-mail: lc.india@vishaypg.com

Israel **Vishay Precision Group – VPG Transducers**
8a Hazoran Street • P.O. Box 8381 • Netanya 42506
Ph: +972-9-863-8888 • Fax: +972-9-863-8800
E-mail: lc.il@vishaypg.com

Europe

United Kingdom **Vishay Precision Group – VPG Transducers**
Stroudley Road, Basingstoke • Hampshire RG24 8FW
Ph: +44-(0)125-646-2131 • Fax: +44-(0)125-647-1441
E-mail: lc.uk@vishaypg.com

Germany **Vishay Precision Group – VPG Transducers**
Tatschenweg 1 • 74078 Heilbronn
Ph: +49-7131-39099-0 • Fax +49-7131-39099-229
E-mail: lc.de@vishaypg.com

France **Vishay Precision Group – VPG Transducers**
16 Rue Francis Vovelle • 28000 Chartres
Ph: +33-2-37-33-31-20 • Fax: +33-2-37-33-31-29
E-mail: lc.fr@vishaypg.com