



## Contents [ [hide](#) ]

- [1 Trimble GS200A Wireless Load Cell](#)
- [2 Features](#)
- [3 Applications](#)
- [4 General Description](#)
- [5 Ordering Information](#)
- [6 Specifications](#)
- [7 Absolute Maximum Ratings](#)
- [8 Load Cell model](#)
- [9 Dimensions](#)
- [10 Standard Bushings](#)
- [11 Adapter Plate Kits \(designed with a 5:1 safety factor\)](#)
- [12 Adapter Plate Geometry](#)
- [13 FCC Compliance Statement \(USA\)](#)
- [14 FAQ](#)
- [15 Documents / Resources](#)
  - [15.1 References](#)



## Trimble GS200A Wireless Load Cell



## Wireless Load Cell

### Features

- Standard single part line pull sizes ranging from 5,000 to 600,000 lb.
- All stainless frame and hardware
- Heavy duty construction from 17-4PH1150 stainless steel (17-4PH1025 on models 250,000lb and up)
- Accuracy of +/-1% on a single part of line
- Option available with CSA Class 1 division 1 certification.
- Ships calibrated
- Stock and custom bushings for most applications.
- Radio range with line of sight: 4000 ft. (1300 m)
- Operates with one 'D' cell battery lithium 3.6V or alkaline 1.5V.
- 2 years battery life for typical applications
- ISM license free radio: wavelength and modulation optimized for radio communication in industrial environments.
- Temperature range: -40°C to 85°C (-40°F to 185°F)
- Temperature compensated
- Potted electronics for increased water protection
- Rugged field-replaceable antenna (TA011)
- Custom sizes on request
- 2-year warranty
- Designed with a safety factor of 5:1 on the safe working load.
- All load bearing bodies have been tested by ultrasounds, die-penetrant and proof

loaded to 150% of capacity.

## Applications

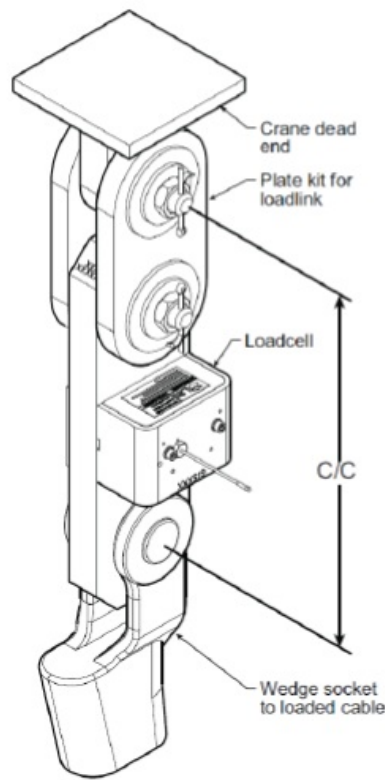
Designed for all applications in the lifting industry, including offshore, that do not require the load cell to be submerged (due to radio communications). Installation above a ball, odd parted on the block, or even parted on the boom tip.



*Wireless Load Cell*

## General Description

The load cell is installed in-line with the wire-rope. This load creates minute deformations of the load cell and electronics convert it into a load value, which is transmitted to the receiving unit. The transmitter box mounted to the load cell houses the battery, radio transmitter, and load converter.



*Figure: Typical installation on a crane*

## Ordering Information

| Model          | Description                                                                                                                                                                   |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GCxxx-V2       | Load Cell. The three 'X' digits are working load limit (WLL) in thousands of pounds. For example, GC060-V2 is for a 60,000-lb WLL or 27215-kg WLL. Load cell is FCC approved. |
| GCxxx-CSA-V2   | Load cell certified Class 1 Division 1, suitable for Div 1 and Div 2                                                                                                          |
| GCxxx-xx-CE-V2 | Load cell CE certified, with radio frequency suitable for Europe, most of Asia and Middle East                                                                                |
| LC6XX-XX       | Appropriate adapter plate kit for load cell (see table page 6).                                                                                                               |
| LC6XX-5X       | Appropriate 90° adapter plate kit for load cell (see table page 8).                                                                                                           |

### Examples:

GC170-V2: is a 170,000 lbs load cell with FCC certification.

## Specifications

| Parameter                       | Test Condition                     | Min   | Typ    | Max  | Unit        |
|---------------------------------|------------------------------------|-------|--------|------|-------------|
| <b>Load Tension Measurement</b> |                                    |       |        |      |             |
| Resolution                      | +/-                                | 0.025 | 0.075  | 0.2  | % of SWL    |
| Accuracy                        | +/-                                | 0.5   | 1      | 2    | % of SWL    |
| <b>Radio Power</b>              |                                    |       |        |      |             |
|                                 | GCXXX-V2                           |       | 0.0054 |      | W           |
|                                 |                                    |       | 7      |      | dBm         |
| <b>Radio Frequency</b>          |                                    |       |        |      |             |
| North American version          | GCXXX-V2                           | 903   |        | 927  | MHz         |
| European version                | GCXXX-CE-V2                        | 868   |        | 870  | MHz         |
| <b>Battery life</b>             |                                    |       |        |      |             |
|                                 | 'D' cell lithium 'D' cell alkaline | 128   | 2412   | 2816 | Month Month |

## Absolute Maximum Ratings

| Parameter                 | Test Condition | Min    | Type | Max         | Unit  |
|---------------------------|----------------|--------|------|-------------|-------|
| Ambient temperature range | Operating      | -40-40 |      | +60<br>+140 | °C °F |
|                           | Storage        | -40-40 |      | +85<br>+185 | °C°F  |

## Certifications

- FCC/IC/CE certification : FCC Part 15 Subpart C 15.247,15.205, 15.207 & 15.209
- ETSI EN 300 220 (AA)
- EMI/C – EN 61000-4-3, EN 301 489-1 – Clause 8.2
- CSA Certificate Number – 80130757
- CSA C22.2 No. 60079-0:19, 60079-11:14 (R2018), 61010-1-12, Update 1&2, Amd1:2018 UL 60079-0-2020, UL 60079-11-2018, UL 61010-1-2018
- Class I, Division 1, Group A, B, C & D T4
- Ex ia IIC T4 Ga
- Class I, Zone 0, A Ex ia IIC T4 Ga
- Ambient Temperature: -20°C to 40°C.

**WARNING:** Only use Tadiran TL-5930 3.6V or Saft LS33600 cell 3.6V text.

## Specifications by Model and Options

| Load Cell model | Max load |        | Weight |       |
|-----------------|----------|--------|--------|-------|
|                 | (lb)     | (kg)   | (lb)   | (kg)  |
| GC005-V2        | 5000     | 2270   | 5      | 2.3   |
| GC012-V2        | 12000    | 5440   | 9.00   | 4.08  |
| GC018-V2        | 18000    | 8160   | 10.00  | 4.54  |
| GC035-V2        | 35000    | 15880  | 16.00  | 7.26  |
| GC060-V2        | 60000    | 27215  | 29.00  | 13.15 |
| GC100-V2        | 100000   | 45360  | 46.00  | 20.87 |
| GC170-V2        | 170000   | 77000  | 94.00  | 42.64 |
| GC250-V2        | 250000   | 113400 | 106.00 | 48.08 |
| GC300-V2        | 300000   | 136100 | 122.00 | 55.34 |

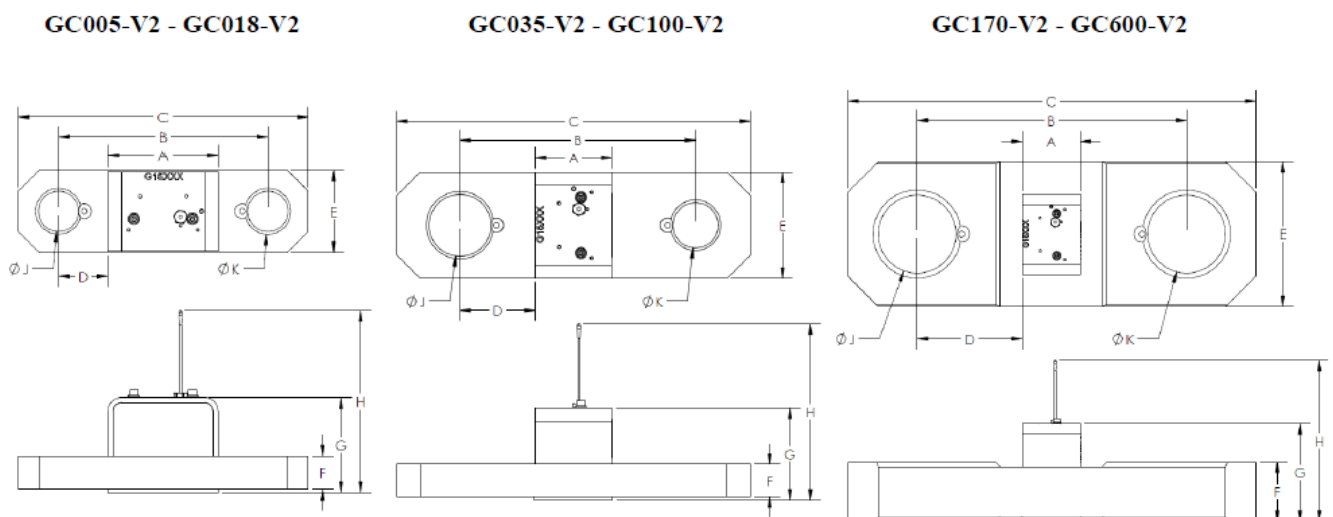
|          |        |        |        |        |
|----------|--------|--------|--------|--------|
| GC400-V2 | 400000 | 181000 | 199.00 | 90.26  |
| GC600-V2 | 600000 | 227000 | 288.00 | 130.63 |

## Materials

The load cell and hardware are made of stainless steel, AISI 304 and 17-4PH1150 (up to GC170) or 17-4PH1025 (GC250 and over). The bushings are made from 1045 steel.

## Dimensions

### Dimensions (Not to Scale)



Trimble

Rev.3.0

Page 4 of 10

| Load Cell |          | DIMENSIONS |           |           |      |      |      |      |           |                    |                   |
|-----------|----------|------------|-----------|-----------|------|------|------|------|-----------|--------------------|-------------------|
|           |          | A          | B         | C         | D    | E    | F    | G    | H         | φJ f<br>or Pi<br>n | φK<br>for P<br>in |
| GC005-V2  | (in)     | 3.93       | 6.20      | 8.30      | 1.14 | 2.95 | 0.65 | 3.00 | 6.12      | 7/8                | 7/8               |
|           | (m<br>m) | 99.8       | 157.<br>5 | 210.<br>8 | 28.9 | 74.9 | 16.5 | 76.2 | 155.<br>4 | 22                 | 22                |

|              |          |      |           |            |           |           |      |           |           |           |           |
|--------------|----------|------|-----------|------------|-----------|-----------|------|-----------|-----------|-----------|-----------|
| GC012<br>-V2 | (in)     | 3.93 | 7.50      | 10.4<br>0  | 1.79      | 2.95      | 0.95 | 3.17      | 6.28      | 1-<br>1/4 | 1-<br>1/4 |
|              | (m<br>m) | 99.8 | 190.<br>5 | 264.<br>2  | 45.4      | 74.9      | 24.1 | 80.4      | 159.<br>6 | 32        | 32        |
| GC018<br>-V2 | (in)     | 3.93 | 7.50      | 10.4<br>0  | 1.79      | 2.95      | 1.20 | 3.44      | 6.55      | 1-<br>3/8 | 1-<br>3/8 |
|              | (m<br>m) | 99.8 | 190.<br>5 | 264.<br>2  | 45.4      | 74.9      | 30.5 | 87.2      | 166.<br>4 | 35        | 35        |
| GC035<br>-V2 | (in)     | 2.86 | 8.75      | 13.1<br>5  | 2.79      | 3.95      | 1.20 | 3.42      | 6.54      | 2-<br>1/4 | 1-<br>5/8 |
|              | (m<br>m) | 72.5 | 222.<br>3 | 334.<br>0  | 70.9      | 100.<br>3 | 30.5 | 86.7      | 166.<br>0 | 57        | 41        |
| GC060<br>-V2 | (in)     | 2.86 | 9.00      | 14.5<br>8  | 3.32      | 4.95      | 1.65 | 3.92      | 7.04      | 2-<br>1/2 | 2-<br>1/2 |
|              | (m<br>m) | 72.5 | 228.<br>6 | 370.<br>33 | 84.3      | 125.<br>7 | 41.9 | 99.5      | 178.<br>7 | 63        | 63        |
| GC100<br>-V2 | (in)     | 2.86 | 11.6<br>0 | 18.9<br>0  | 4.37      | 6.00      | 2.00 | 4.22      | 7.34      | 3         | 3         |
|              | (m<br>m) | 72.5 | 294.<br>6 | 480.<br>1  | 111.<br>0 | 152.<br>4 | 50.8 | 107.<br>1 | 186.<br>3 | 76        | 76        |
| GC170<br>-V2 | (in)     | 2.86 | 13.0<br>0 | 21.2<br>0  | 5.07      | 7.00      | 3.00 | 4.98      | 8.10      | 3-<br>1/8 | 3-<br>1/8 |
|              | (m<br>m) | 72.5 | 330.<br>2 | 538.<br>5  | 128.<br>8 | 177.<br>8 | 76.2 | 126.<br>5 | 205.<br>7 | 80        | 80        |
| GC250        | (in)     | 2.86 | 14.5<br>0 | 23.5<br>6  | 5.82      | 7.10      | 2.88 | 4.76      | 7.87      | 3-<br>3/4 | 3-<br>3/4 |



|              |          |      |           |            |           |           |      |           |           |           |           |
|--------------|----------|------|-----------|------------|-----------|-----------|------|-----------|-----------|-----------|-----------|
| -V2          | (m<br>m) | 72.5 | 368.<br>3 | 598.<br>4  | 147.<br>9 | 180.<br>3 | 73.2 | 120.<br>8 | 200.<br>0 | 95        | 95        |
| GC300<br>-V2 | (in)     | 2.86 | 14.0<br>0 | 23.6<br>88 | 5.57      | 7.44      | 3.38 | 5.04      | 8.15      | 4-<br>1/4 | 4-<br>1/4 |
|              | (m<br>m) | 72.5 | 355.<br>6 | 601.<br>5  | 141.<br>5 | 189.<br>0 | 85.7 | 127.<br>9 | 207.<br>1 | 108       | 108       |
| GC400<br>-V2 | (in)     | 2.86 | 17.5<br>0 | 28.7<br>8  | 7.32      | 8.67      | 3.88 | 5.32      | 8.44      | 5         | 5         |
|              | (m<br>m) | 72.5 | 444.<br>5 | 731.<br>0  | 186.<br>0 | 220.<br>2 | 98.4 | 135.<br>1 | 214.<br>3 | 127       | 127       |
| GC600<br>-V2 | (in)     | 2.86 | 19.0<br>0 | 32.0<br>8  | 8.07      | 10.7<br>0 | 3.88 | 5.44      | 8.55      | 5-<br>1/4 | 5-<br>1/4 |
|              | (m<br>m) | 72.5 | 482.<br>6 | 814.<br>8  | 205.<br>0 | 271.<br>8 | 98.4 | 138.<br>0 | 217.<br>2 | 133       | 133       |

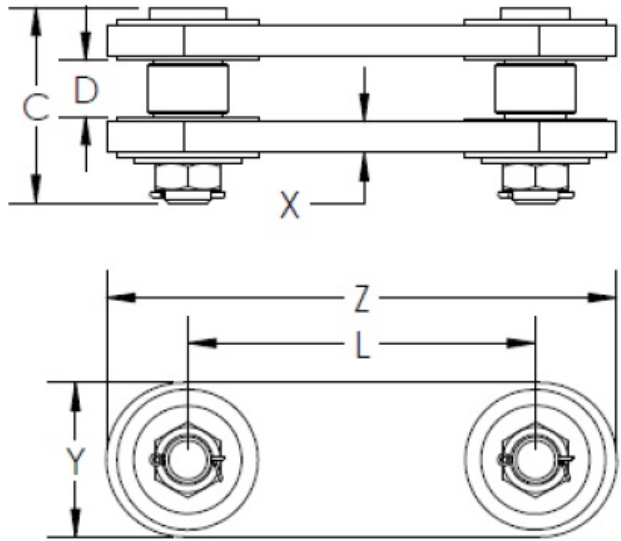
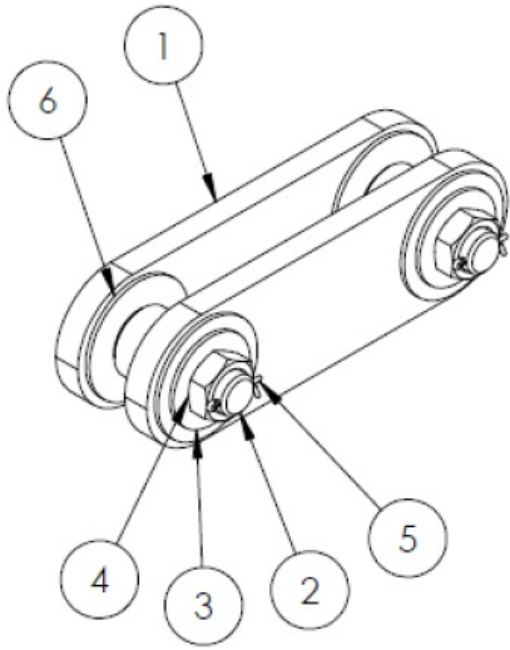
## Standard Bushings

| Load Cell | Bushing      | ADAPTS TO PIN f |           |
|-----------|--------------|-----------------|-----------|
|           |              | (in)            | (mm)      |
| GC012-V2  | <b>PC401</b> | <b>1</b>        | <b>25</b> |
| GC018-V2  | <b>PC118</b> | <b>1-1/4</b>    | <b>32</b> |
| GC035-V2  | <b>PC424</b> | <b>1-1/2</b>    | <b>38</b> |
|           | PC425        | 1-5/8           | 41        |
|           | PC426        | 1-3/4           | 44        |
|           | PC427        | 1-7/8           | 48        |
|           |              |                 |           |

|          |              |              |           |
|----------|--------------|--------------|-----------|
|          | PC428        | 2            | 50        |
|          | PC429*       | 1-1/4        | 32        |
| GC060-V2 | <b>PC114</b> | <b>2-1/4</b> | <b>57</b> |
|          | <b>PC115</b> | <b>2</b>     | <b>51</b> |
| GC100-V2 | PC416        | 2-1/2        | 64        |
|          | PC419        | 2-3/4        | 70        |
|          | PC431        | 2            | 51        |
| GC170-V2 | PC448        | 2-1/4        | 57        |
|          | PC449        | 2-1/2        | 64        |
| GC250-V2 | PC443        | 2-1/4        | 57        |
|          | PC444        | 2-3/4        | 70        |
|          | PC445        | 3-1/4        | 83        |
| GC300-V2 | PC446        | 3-3/4        | 96        |
|          | PC447        | 4-1/8        | 105       |
| GC400-V2 | PC453        | 4-1/8        | 105       |
|          | PC454        | 4-1/4        | 108       |
|          | PC455        | 4-3/4        | 121       |
| GC600-V2 | PC456        | 5            | 127       |

Standard included bushings are in bold and depends on adapter plate kit when load cell and adapter plate kit are ordered together. Fits in the 1-5/8 hole, the other bushings for the GC035 fit in the 2-1/4 hole.

## Adapter Plate Kits (designed with a 5:1 safety factor)



| Load         | Kit #        | Plate        | Pin<br>Nu<br>mbe<br>r | Pin       | Nut<br>Wa<br>she<br>r | Nut       | Cott<br>er<br>Pin | Washer    |     | Bushi<br>ng* | WLL<br>b             |
|--------------|--------------|--------------|-----------------------|-----------|-----------------------|-----------|-------------------|-----------|-----|--------------|----------------------|
| Cell         |              | ITM 1        |                       | ITM 2     | ITM 3                 | ITM 4     | ITM 5             | ITM 6     | Qty | ITM 7        | (kg)                 |
| GC01<br>2-V2 | LC61<br>2-01 | PC61<br>2-01 | 1                     | PC5<br>01 | QW<br>912             | QV9<br>30 | QP<br>003<br>S    | QW<br>901 | 6   | PC40<br>1    | 12,0<br>00(5<br>454) |
|              |              |              | 2                     | PC5<br>02 | QW<br>912             | QV9<br>30 | QP<br>003<br>S    | QW<br>902 | 6   |              |                      |
| GC01<br>8-V2 | LC61<br>8-01 | PC61<br>8-01 | 1                     | PC5<br>02 | QW<br>912             | QV9<br>30 | QP<br>003<br>S    | QW<br>902 | 4   | PC11<br>8    | 18,0<br>00(8         |
|              |              |              |                       |           |                       |           |                   |           |     |              |                      |

|              |              |              |   |           |           |           |                |           |   |           |                           |
|--------------|--------------|--------------|---|-----------|-----------|-----------|----------------|-----------|---|-----------|---------------------------|
|              |              |              | 2 | PC5<br>03 | QW<br>912 | QV9<br>30 | QP<br>003<br>S | QW<br>906 | 4 |           | 181)                      |
| GC03<br>5-V2 | LC63<br>5-01 | PC63<br>5-01 | 1 | PC5<br>02 | QW<br>912 | QV9<br>30 | QP<br>003<br>S | QW<br>902 | 2 | PC42<br>9 | 35,0<br>00(1<br>5909<br>) |
|              |              |              | 2 | PC5<br>02 | QW<br>912 | QV9<br>30 | QP<br>003<br>S | QW<br>902 | 2 | PC42<br>3 |                           |
|              | LC63<br>5-02 | PC63<br>5-02 | 1 | PC5<br>06 | QW<br>902 | QV9<br>50 | QP<br>003<br>S | QW<br>903 | 6 |           | 35,0<br>00(1<br>5909<br>) |
|              |              |              | 2 | PC5<br>04 | QW<br>907 | QV9<br>51 | QP<br>004<br>S | QW<br>904 | 6 | PC42<br>8 |                           |
|              | LC63<br>5-03 | PC63<br>5-03 | 1 | PC5<br>06 | QW<br>902 | QV9<br>50 | QP<br>003<br>S | QW<br>903 | 6 |           | 35,0<br>00(1<br>5909<br>) |
|              |              |              | 2 | PC5<br>05 | QW<br>902 | QV9<br>50 | QP<br>003<br>S | QW<br>903 | 6 | PC42<br>4 |                           |
|              | LC63<br>5-04 | PC63<br>5-04 | 1 | PC5<br>06 | QW<br>902 | QV9<br>50 | QP<br>003<br>S | QW<br>903 | 6 | PC42<br>4 | 35,0<br>00(1<br>5909<br>) |
|              |              |              | 2 | PC5<br>05 | QW<br>902 | QV9<br>50 | QP<br>003<br>S | QW<br>903 | 6 | PC42<br>4 |                           |
|              |              |              |   |           |           |           |                |           |   |           |                           |

|  |              |                                 |   |           |           |           |                |                |   |           |                           |
|--|--------------|---------------------------------|---|-----------|-----------|-----------|----------------|----------------|---|-----------|---------------------------|
|  | LC63<br>5-06 | PC63<br>5-02(<br>w/ PC<br>432)  | 1 | PC5<br>24 | QW<br>902 | QV9<br>51 | QP<br>003<br>S | QW<br>908      | 6 | PC42<br>7 | 35,0<br>00(1<br>5909<br>) |
|  |              |                                 | 2 | PC5<br>06 | QW<br>903 | QV9<br>50 | QP<br>003<br>S | QW<br>903      | 6 |           |                           |
|  | LC63<br>5-07 | PC63<br>5-02 (<br>w/ PC<br>417) | 1 | PC5<br>19 | QW<br>902 | QV9<br>51 | QP<br>004<br>S | QW<br>908      | 6 | PC42<br>6 | 35,0<br>00(1<br>5909<br>) |
|  |              |                                 | 2 | PC5<br>06 | QW<br>903 | QV9<br>50 | QP<br>003<br>S | QW<br>903      | 6 |           |                           |
|  | LC63<br>5-09 | PC63<br>5-05                    | 1 | PC5<br>22 | QW<br>903 | QV9<br>51 | QP<br>004<br>S | QW<br>904<br>B | 4 |           | 35,0<br>00(1<br>5909<br>) |
|  |              |                                 | 2 | PC5<br>06 | QW<br>903 | QV9<br>50 | QP<br>003<br>S | QW<br>903      | 4 |           |                           |
|  | LC66<br>0-01 | PC66<br>0-01                    | 1 | PC5<br>06 | QW<br>902 | QV9<br>50 | QP<br>003<br>S | QW<br>903      | 2 | PC10<br>8 | 60,0<br>00(2<br>7272<br>) |
|  |              |                                 | 2 | PC5<br>06 | QW<br>902 | QV9<br>50 | QP<br>003<br>S | QW<br>903      | 2 | PC10<br>8 |                           |
|  | LC66         | PC66                            | 1 | PC5<br>08 | QW<br>903 | QV9<br>51 | QP<br>004<br>S | QW<br>904<br>B | 4 | PC11<br>4 | 60,0<br>00(2              |

|              |              |              |   |           |           |           |                |                |    |           |              |
|--------------|--------------|--------------|---|-----------|-----------|-----------|----------------|----------------|----|-----------|--------------|
| GC06<br>0-V2 | 0-02         | 0-02         | 2 | PC5<br>07 | QW<br>903 | QV9<br>51 | QP<br>004<br>S | QW<br>904      | 4  | PC11<br>5 | 7272<br>)    |
|              | LC66<br>0-03 | PC66<br>0-03 | 1 | PC5<br>08 | QW<br>903 | QV9<br>51 | QP<br>004<br>S | QW<br>904<br>B | 4  | PC11<br>4 | 60,0<br>00(2 |
|              |              |              | 2 | PC5<br>07 | QW<br>903 | QV9<br>51 | QP<br>004<br>S | QW<br>904      | 4  | PC11<br>5 | 7272<br>)    |
|              | LC66<br>0-04 | PC66<br>0-04 | 1 | PC5<br>08 | QW<br>903 | QV9<br>51 | QP<br>004<br>S | QW<br>904<br>B | 4  | PC11<br>4 | 60,0<br>00(2 |
|              |              |              | 2 | PC5<br>07 | QW<br>903 | QV9<br>51 | QP<br>004<br>S | QW<br>904      | 4  | PC11<br>5 | 7272<br>)    |
|              | LC66<br>0-05 | PC66<br>0-05 | 1 | PC5<br>09 | QW<br>904 | QV9<br>52 | QP<br>004<br>S | QW<br>904<br>C | 10 |           | 60,0<br>00(2 |
|              |              |              | 2 | PC5<br>09 | QW<br>904 | QV9<br>52 | QP<br>004<br>S | QW<br>904<br>C | 10 |           | 7272<br>)    |
|              | LC66<br>0-06 | PC66<br>0-06 | 1 | PC5<br>09 | QW<br>904 | QV9<br>52 | QP<br>004<br>S | QW<br>904<br>C | 10 |           | 60,0<br>00(2 |
|              |              |              | 2 | PC5<br>09 | QW<br>904 | QV9<br>52 | QP<br>004<br>S | QW<br>904<br>C | 10 |           | 7272<br>)    |



|              |              |          |      |      |           |      |           |      |           |            |
|--------------|--------------|----------|------|------|-----------|------|-----------|------|-----------|------------|
| V2           | 04           | (m<br>m) | 41.3 | 38.1 | 140.<br>5 | 63.5 | 914.<br>4 | 19.1 | 101.<br>6 | 102<br>2.4 |
|              |              | (in)     | 1.88 | 1.63 | 5.84      | 2.50 | 7.25      | 0.75 | 4.00      | 8.25       |
|              |              | (m<br>m) | 47.6 | 41.3 | 148.<br>3 | 63.5 | 184.<br>2 | 19.1 | 101.<br>6 | 209.<br>6  |
|              |              | (in)     | 1.75 | 1.63 | 5.84      | 2.50 | 7.25      | 0.75 | 4.00      | 8.25       |
|              |              | (m<br>m) | 44.5 | 41.3 | 148.<br>3 | 63.5 | 184.<br>2 | 19.1 | 101.<br>6 | 209.<br>6  |
|              |              | (in)     | 2.25 | 1.63 | 5.84      | 2.50 | 6.00      | 0.75 | 4.00      | 10.1<br>0  |
|              |              | (m<br>m) | 57.2 | 41.3 | 148.<br>3 | 63.5 | 152.<br>4 | 19.1 | 101.<br>6 | 256.<br>5  |
|              |              | (in)     | 1.63 | 1.63 | 5.53      | 2.00 | 5.25      | 1.00 | 5.00      | 10.2<br>5  |
|              |              | (m<br>m) | 41.3 | 41.3 | 140.<br>5 | 50.8 | 133.<br>4 | 25.4 | 127.<br>0 | 260.<br>4  |
|              |              | (in)     | 2.25 | 2.00 | 6.34      | 2.50 | 5.25      | 1.00 | 5.00      | 10.5<br>0  |
| GC060-<br>V2 | LC660-<br>01 | (m<br>m) | 57.2 | 50.8 | 161.<br>0 | 63.5 | 133.<br>4 | 25.4 | 127.<br>0 | 266.<br>7  |
|              |              | (in)     | 2.25 | 2.00 | 6.34      | 2.50 | 11.2<br>5 | 1.00 | 5.00      | 16.5<br>0  |
|              |              | (m<br>m) | 57.2 | 50.8 | 161.<br>0 | 63.5 | 285.<br>8 | 25.4 | 127.<br>0 | 419.<br>1  |
|              |              | (in)     | 2.25 | 2.00 | 6.34      | 2.50 | 11.2<br>5 | 1.00 | 5.00      | 16.5<br>0  |
|              |              | (m<br>m) | 57.2 | 50.8 | 161.<br>0 | 63.5 | 285.<br>8 | 25.4 | 127.<br>0 | 419.<br>1  |
|              |              | (in)     | 2.25 | 2.00 | 6.34      | 2.50 | 11.2<br>5 | 1.00 | 5.00      | 16.5<br>0  |
|              |              | (m<br>m) | 57.2 | 50.8 | 161.<br>0 | 63.5 | 285.<br>8 | 25.4 | 127.<br>0 | 419.<br>1  |
|              |              | (in)     | 2.25 | 2.00 | 6.34      | 2.50 | 11.2<br>5 | 1.00 | 5.00      | 16.5<br>0  |
|              |              | (m<br>m) | 57.2 | 50.8 | 161.<br>0 | 63.5 | 285.<br>8 | 25.4 | 127.<br>0 | 419.<br>1  |
|              |              | (in)     | 2.25 | 2.00 | 6.34      | 2.50 | 11.2<br>5 | 1.00 | 5.00      | 16.5<br>0  |





|          |          | ITM 1    |   | ITM 2 | ITM 3 | ITM 4 | ITM 5  | ITM 6 | Qty | ITM 7 | (kg)          |
|----------|----------|----------|---|-------|-------|-------|--------|-------|-----|-------|---------------|
| GC035-V2 | LC635-51 | PC635-51 | 1 | PC531 | —     | QV954 | QP003  | —     | —   | —     | 35,000(15909) |
|          |          |          | 2 | PC530 | —     | QV954 | QP003  | —     | —   | PC405 |               |
| GC060-V2 | LC660-51 | PC660-51 | 1 | PC507 | QW903 | QV951 | QP004S | QW904 | 4   | PC108 | 60,000(27272) |
|          |          |          | — | —     | —     | —     | —      | —     | —   | —     |               |

|          | Kit #    |      | Pin 1 Diameter | Pin 2 Diameter | C     | D    | L      | X    | Z      |
|----------|----------|------|----------------|----------------|-------|------|--------|------|--------|
| GC035-V2 | LC635-51 | (in) | 1.63           | 1.50           | 3.93  | 1.50 | 24.00  | 0.75 | 28.00  |
|          |          | (mm) | 41.3           | 38.1           | 99.8  | 38.1 | 609.6  | 19.1 | 711.2  |
| GC060-V2 | LC660-51 | (in) | 2.00           | 3.00*          | 6.34  | 2.50 | 45.00  | 1.00 | 50.50  |
|          |          | (mm) | 50.8           | 76.2*          | 161.0 | 63.5 | 1143.0 | 25.4 | 1282.7 |

**Pin not included with Adapter kit**

- **PMN:** GC018-V2, GC035-V2
- **HVIN:** MB103-00-SD-A

**FCC Compliance Statement (USA)**

**FCC ID: S9E-GS200A**

Compliance Statements: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including, an interference that may cause undesired operation.

**Caution Statements:**

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

**Industry Canada (IC) Compliance Statement****IC: 5817A-GS000A**

**Compliance Statements:** This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference.,
2. This device must accept any interference, including interference that may cause undesired operation of the device.

**Caution Statements:**

- This equipment complies with radio frequency exposure limits set forth by Industry Canada for an uncontrolled environment.
- This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.

**Information to the User**

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B

digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FAQ

**Q: What battery types are recommended for the load cell?**

A: Only use Tadiran TL-5930 3.6V or Saft LS33600 cell 3.6V as per the warning in the manual.

Documents / Resources

|                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">Trimble GS200A Wireless Load Cell [pdf]</a> Owner's Manual<br>GS200A, S9E-GS200A, S9EGS200A, GS200A Wireless Load Cell, Wireless Load Cell, Load Cell |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

References

- [User Manual](#)

---

# Leave a comment

Your email address will not be published. Required fields are marked \*

Comment \*

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

**Post Comment**

**Search:**

e.g. whirlpool wrf535swhz

**Search**

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.