# Compression load cell **GD 4**

available with certification • ATEX

## General information

PWS24020261105

The GD 4 Compression Load Cell has been designed for working in harsh environments. The GD 4 cell is a tailor-made product, designed and built according to the specific needs of the customer.




### Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

**Weight Transmitter** DAT 1400

**Tester 1008** TESTER 1008

**Double Shear Beam Load Cell** DDR

**Shear beam load cells** SBR

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

**PAVONE SISTEMI S.R.L.**
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
**T** (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

# Technical specifications

PWS24020261105

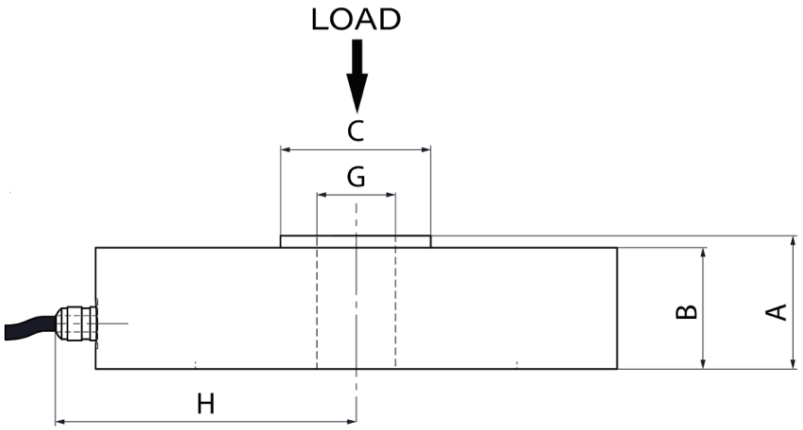
| | |
|---|---|
| **Rated load (RL):** | 500, 1.000, 2.500, 5.000, 10.000, 20.000 kg |
| **Combined error:** | ±0,05 % RO |
| **Repeatability:** | ±0.03 % RO |
| **Creep (30 minutes):** | ±0.03 % RO |
| **Safe overload:** | 150 % RL |
| **Ultimate overload:** | 300 % RL |
| **Material:** | Stainless steel |
| **Degree of protection:** | IP65 |
| **Compensated Temperature:** | -10 ÷ +40 °C |
| **Temperature range:** | -20 ÷ +70°C |
| **Temperature effect on zero balance:** | ±0.003 % RO/°C |
| **Temperature effect on output:** | ±0.002 % output/°C |
| **Rated output RO:** | 2 mV/V ±0.1% |
| **Zero balance:** | ±1 % RO |
| **Insulation resistance:** | > 2000 MOhm |
| **Input resistance:** | 700 ÷ 710 Ohm |
| **Output resistance:** | 700 ÷ 705 Ohm |
| **Recommended input:** | 5 ÷ 15 Vdc/ac |
| **Cable Lenght:** | 5, 10, 20 m |

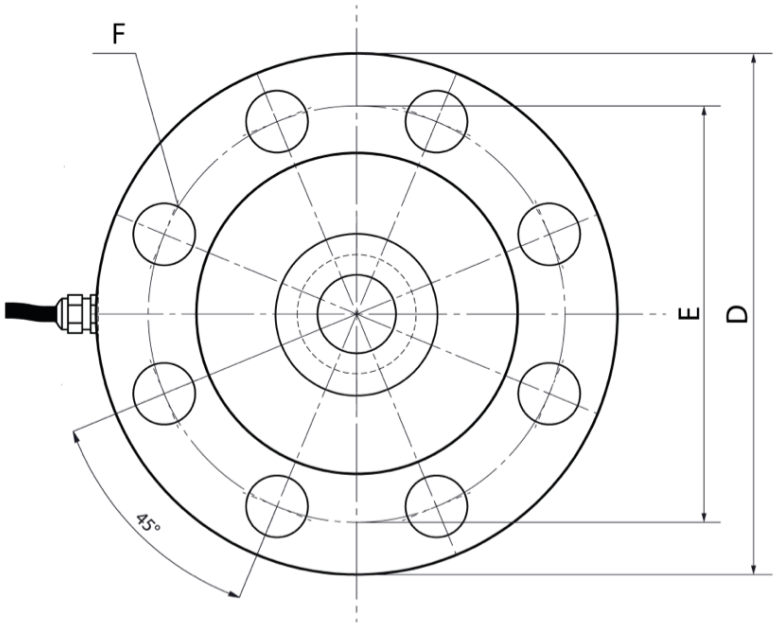
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

**PAVONE SISTEMI S.R.L.**
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
**T** (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

# Compression load cell **GD 4**

available with certification • ATEX




| Load | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 500 Kg | 30 | 28 | 38 | 101 | 86 | N°8 - Ø8,5 | M20 x 1,5 | 65 |
| 1 t | 30 | 28 | 38 | 101 | 86 | N°8 - Ø8,5 | M20 x 1,5 | 65 |
| 2,5 t | 30 | 28 | 38 | 101 | 86 | N°8 - Ø8,5 | M20 x 1,5 | 65 |
| 5 t | 30 | 28 | 38 | 101 | 86 | N°8 - Ø8,5 | M20 x 1,5 | 65 |
| 10 t | 40 | 39 | 50 | 150 | 126 | N°12 - Ø10,5 | M30 x 1,5 | 85 |
| 20 t | 40 | 39 | 50 | 150 | 126 | N°12 - Ø10,5 | M30 x 1,5 | 85 |

| Electrical Connection | |
|---|---|
| +Supply | Red |
| -Supply | Black |
| +Signal | Green |
| -Signal | White |
| +Rif | Orange |
| -Rif | Blue |

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

**PAVONE SISTEMI S.R.L.**
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
**T** (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963