Compression load cell **GD 4**

available with certification • ATEX

General information

PWS24020261126

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.
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Industrial Electronic Weighing Systems since 1963

Technical specifications

PWS24020261126

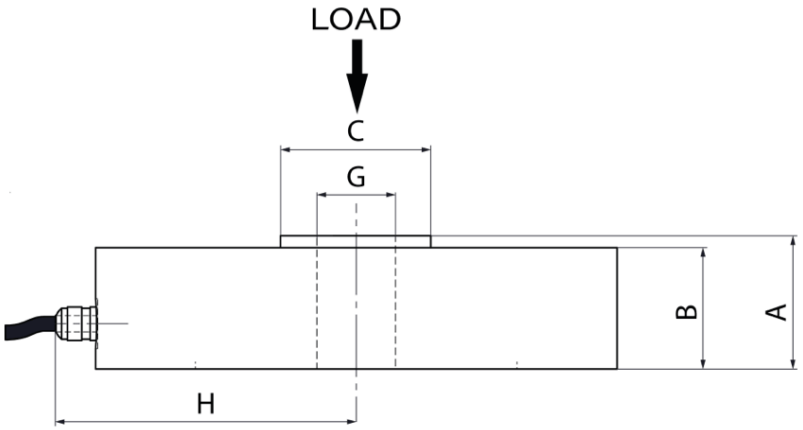
Rated load (RL):	500, 1.000, 2.500, 5.000, 10.000, 20.000 kg
Combined error:	±0,05 % RO
Repeatability:	±0.03 % RO
Creep (30 minutes):	±0.03 % RO
Safe overload:	150 % RL
Ultimate overload:	300 % RL
Material:	Stainless steel
Degree of protection:	IP65
Compensated Temperature:	-10 ÷ +40 °C
Temperature range:	-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

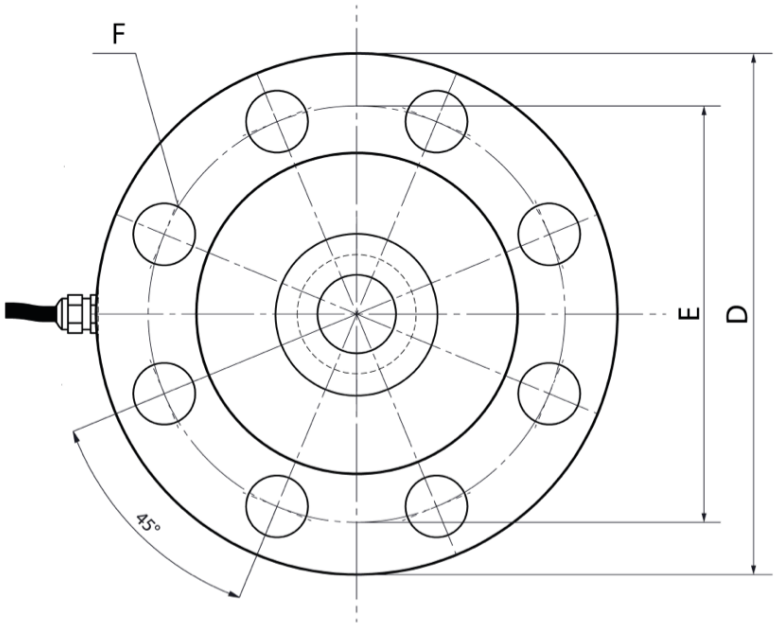
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Load	A	B	C	D	E	F	G	H
500 Kg	30	28	38	101	86	N°8 - Ø8,5	M20 x 1,5	65
1 t	30	28	38	101	86	N°8 - Ø8,5	M20 x 1,5	65
2,5 t	30	28	38	101	86	N°8 - Ø8,5	M20 x 1,5	65
5 t	30	28	38	101	86	N°8 - Ø8,5	M20 x 1,5	65
10 t	40	39	50	150	126	N°12 - Ø10,5	M30 x 1,5	85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

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