

## General information

PVS220201024

The CC3 Compression Load Cell has been designed to meet the requirements of a wide range of industrial weighing applications, it has excellent accuracy and robustness thanks to the stainless steel construction, which guarantees maximum resistance to impacts and overloads. The CC3 load cell can be customized and the user can decide whether to include some options, such as high-temperature version and ATEX or EAC certified versions or not.



## 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** [UWT 6008](#)

**Weight Transmitter** [DAT 1400](#)

**Mounting kits** [DE MOUNTING KIT](#)

**Tester 1008** [TESTER 1008](#)

**Junction Box** [CGS4-C](#)

**Double Shear Beam Load Cell** [DDR](#)

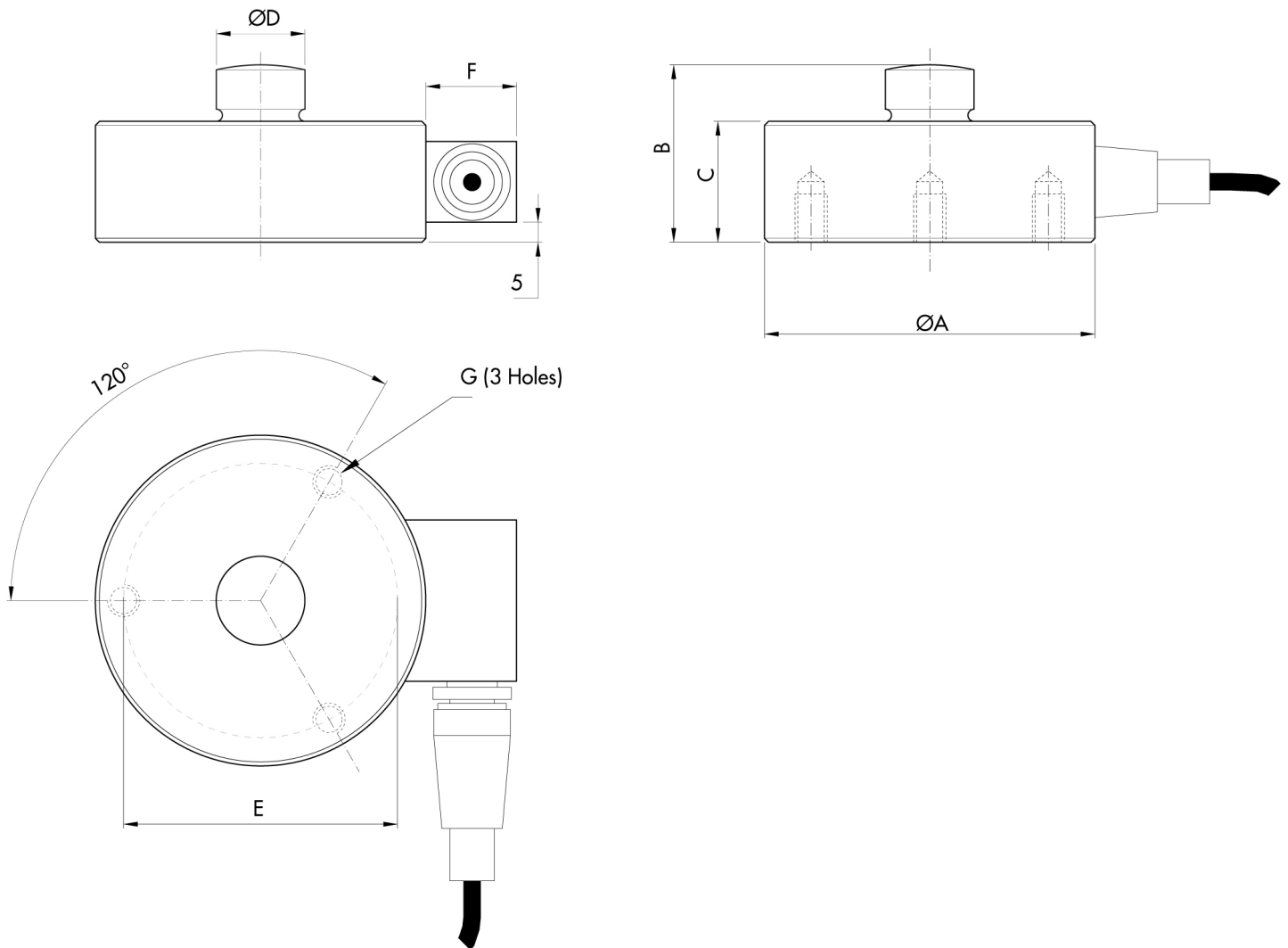
All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

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<b>Rated load RL:</b>	0.25 ÷ 10, 15, 20, 25, 35, 50, 100, 200 t
<b>Combined error:</b>	< ± 0.05 % RO
<b>Repeatability:</b>	< ±0.03 % RO
<b>Creep (20 minutes):</b>	±0.03 % RO
<b>Safe overload:</b>	150 % RL
<b>Ultimate overload:</b>	300 % RL
<b>Material:</b>	Stainless steel
<b>Degree of protection:</b>	IP68
<b>Compensated Temperature:</b>	-10 ÷ +40 °C
<b>Temperature range:</b>	-20 ÷ +70 °C
<b>Temperature effect on zero balance:</b>	0.003 % RL/°C
<b>Temperature effect on output:</b>	0.002 % output/°C
<b>Rated output RO:</b>	2 mV/V ±0.1 %
<b>Zero balance:</b>	< ± 1 % RO
<b>Insulation resistance:</b>	> 2000 MOhm
<b>Input resistance:</b>	700 ÷ 710 Ohm
<b>Output resistance:</b>	700 ÷ 705 Ohm
<b>Recommended input:</b>	5 ÷ 15 Vdc/Vac

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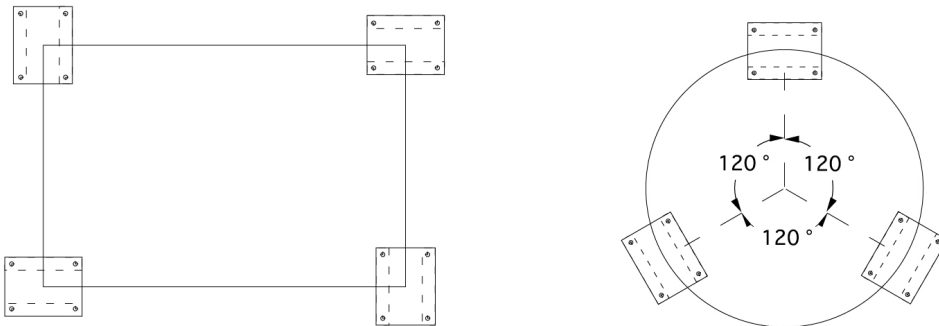
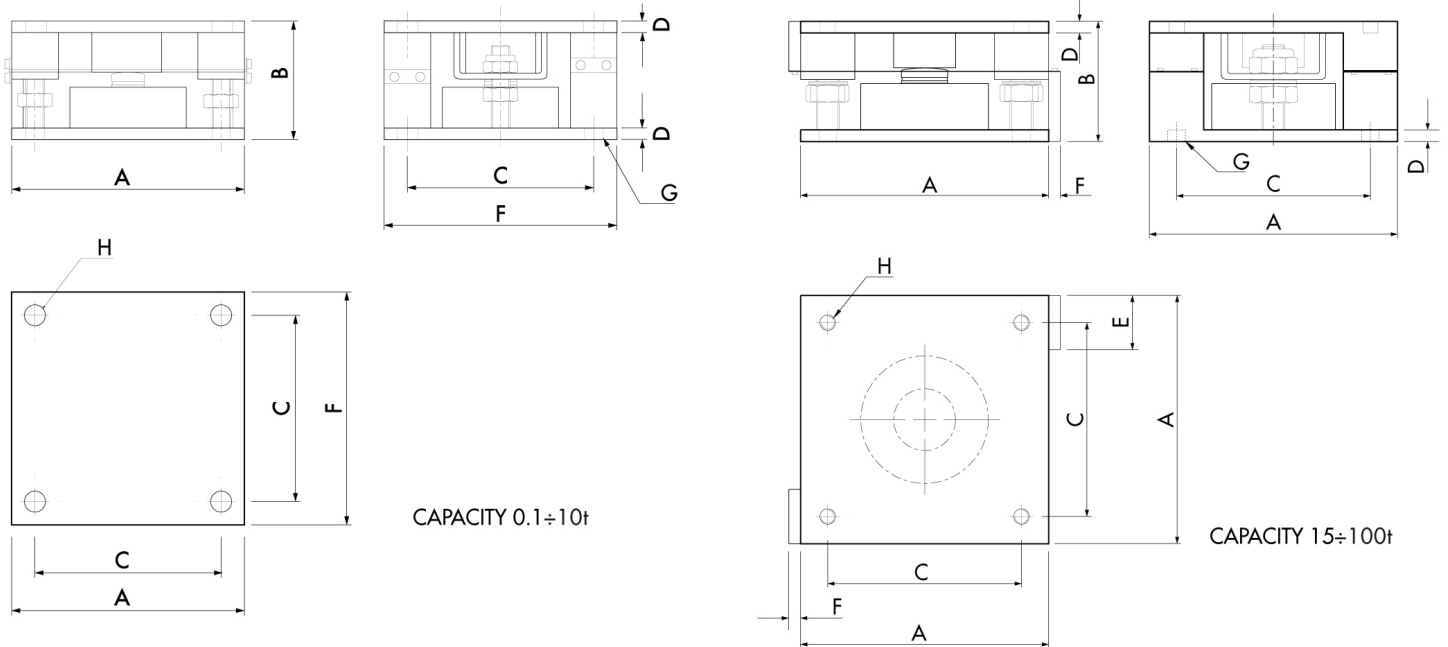


CAPACITY	ØA	B	C	ØD	ØE	F	G
0.1÷10t	82	44	32	22	70	22	M8x15
15÷25t	100	48	35	28	80	22	M10x15
35t	126	54	40	35	105	22	M12x20
50÷100t	160	85	60	60	130	25	M16x20

**Electrical Connections**

+Excitation	Red
-Excitation	Black
+Signal	Green
-Signal	White
Shield	Cable Shield

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CAPACITY	A	B	C	D	E	F	G	H
0.1÷10t	175	95	115	10	-	150	14	M12
15÷25t	200	102	160	10	35	12	17	M12
35t	250	132	185	12.5	61	12	20	M18
50÷100t	320	155	250	15	70	15	23	M20

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